

IPC

C netname aliases

P NNAME1 PORT_8 LASER_DIS

P NNAME2 PORT_9 LASER_DIS

P NNAME3 PORT_9_S_DET_LED

C end alias section

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| | | | |
|---------|-----|-------|---------------------------|
| 3271P2V | C64 | - 1 | A08X+063250Y+028410 |
| 3271P2V | C63 | - 1 | A08X+064250Y+028410 |
| 3271P2V | C14 | - 1 | A01X+058250Y+024760 |
| 3271P2V | C15 | - 1 | A01X+059450Y+024500 |
| 3271P2V | C18 | - 1 | A01X+058520Y+021250 |
| 3271P2V | C17 | - 1 | A01X+058520Y+023000 |
| 3271P2V | C85 | - 1 | A08X+056000Y+023160 |
| 3271P2V | C84 | - 1 | A08X+057000Y+023160 |
| 3271P2V | C22 | - 1 | A01X+059450Y+019750 |
| 3271P2V | C21 | - 1 | A01X+058250Y+020010 |
| 3271P2V | C91 | - 1 | A08X+058000Y+022090 |
| 3271P2V | C92 | - 1 | A08X+057000Y+022090 |
| 3271P2V | C93 | - 1 | A08X+056000Y+022090 |
| 3271P2V | C16 | - 1 | A01X+043500Y+023760 |
| 3271P2V | C94 | - 1 | A08X+045500Y+022090 |
| 3271P2V | C95 | - 1 | A08X+044500Y+022090 |
| 3271P2V | C86 | - 1 | A08X+045500Y+023160 |
| 3271P2V | C87 | - 1 | A08X+044500Y+023160 |
| 3271P2V | U8 | - 188 | A01X+050947Y+022734 |
| 3271P2V | U8 | - 234 | A01X+051734Y+021947 |
| 3271P2V | U8 | - 211 | A01X+051341Y+022341 |
| 3271P2V | U8 | - 232 | A01X+050947Y+021947 |
| 3271P2V | U8 | - 207 | A01X+049766Y+022341 |
| 3271P2V | U8 | - 230 | A01X+050159Y+021947 |
| 3271P2V | U8 | - 278 | A01X+051734Y+021159 |
| 3271P2V | U8 | - 255 | A01X+051341Y+021553 |
| 3271P2V | U8 | - 299 | A01X+051341Y+020766 |
| 3271P2V | U8 | - 276 | A01X+050947Y+021159 |
| 3271P2V | U8 | - 251 | A01X+049766Y+021553 |
| 3271P2V | U8 | - 253 | A01X+050553Y+021553 |
| 3271P2V | U8 | - 274 | A01X+050159Y+021159 |
| 3271P2V | U8 | - 186 | A01X+050159Y+022734 |
| 3271P2V | U8 | - 209 | A01X+050553Y+022341 |
| 3271P2V | U1 | - 6 | A01X+063250Y+026875 |
| 3271P2V | C8 | - 1 | A01X+061750Y+026760 |
| 3171P2V | VIA | | D0120PA00X+062800Y+028750 |
| 3171P2V | VIA | | D0120PA00X+063250Y+027500 |
| 3171P2V | VIA | | D0120PA00X+063750Y+028750 |
| 3171P2V | VIA | | D0120PA00X+061750Y+027250 |
| 3171P2V | VIA | | D0120PA00X+062800Y+027350 |
| 3171P2V | VIA | | D0120PA00X+057750Y+024750 |
| 3171P2V | VIA | | D0120PA00X+058750Y+024750 |
| 3171P2V | VIA | | D0120PA00X+062800Y+026450 |
| 3171P2V | VIA | | D0120PA00X+058750Y+024250 |
| 3171P2V | VIA | | D0120PA00X+059250Y+021000 |
| 3171P2V | VIA | | D0120PA00X+059250Y+021500 |
| 3171P2V | VIA | | D0120PA00X+058750Y+019500 |
| 3171P2V | VIA | | D0120PA00X+057750Y+020000 |
| 3171P2V | VIA | | D0120PA00X+059250Y+023250 |
| 3171P2V | VIA | | D0120PA00X+063250Y+026200 |
| 3171P2V | VIA | | D0120PA00X+057500Y+023250 |
| 3171P2V | VIA | | D0120PA00X+062600Y+026900 |
| 3171P2V | VIA | | D0120PA00X+059250Y+022750 |
| 3171P2V | VIA | | D0120PA00X+058500Y+022000 |
| 3171P2V | VIA | | D0120PA00X+063700Y+026450 |
| 3171P2V | VIA | | D0120PA00X+056500Y+023250 |

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| 3171P2V | VIA | D0120PA00X+058750Y+020000 |
| 3171P2V | VIA | D0120PA00X+057500Y+022000 |
| 3171P2V | VIA | D0120PA00X+056500Y+022000 |
| 3171P2V | VIA | D0120PA00X+043000Y+023750 |
| 3171P2V | VIA | D0120PA00X+063900Y+026900 |
| 3171P2V | VIA | D0120PA00X+045000Y+022000 |
| 3171P2V | VIA | D0120PA00X+063700Y+027350 |
| 3171P2V | VIA | D0120PA00X+044000Y+022000 |
| 3171P2V | VIA | D0120PA00X+051931Y+022144 |
| 3171P2V | VIA | D0120PA00X+045000Y+023250 |
| 3171P2V | VIA | D0120PA00X+044000Y+023250 |
| 3171P2V | VIA | D0120PA00X+051144Y+022931 |
| 3171P2V | VIA | D0120PA00X+051537Y+022537 |
| 3171P2V | VIA | D0120PA00X+051144Y+022144 |
| 3171P2V | VIA | D0120PA00X+049963Y+022144 |
| 3171P2V | VIA | D0120PA00X+050356Y+021356 |
| 3171P2V | VIA | D0120PA00X+049569Y+021356 |
| 3171P2V | VIA | D0120PA00X+051931Y+020963 |
| 3171P2V | VIA | D0120PA00X+051537Y+021356 |
| 3171P2V | VIA | D0120PA00X+051537Y+020569 |
| 3171P2V | VIA | D0120PA00X+051144Y+020963 |
| 3171P2V | VIA | D0120PA00X+049963Y+020963 |
| 3171P2V | VIA | D0120PA00X+050356Y+022537 |
| 3171P2V | VIA | D0120PA00X+049569Y+022537 |
| 3171P2V | VIA | D0120PA00X+049963Y+022931 |
| 3272P5V | C145 - 1 | A08X+032750Y+014410 |
| 3272P5V | U12 - 33 | A01X+033404Y+013317 |
| 3272P5V | C146 - 1 | A08X+031750Y+014410 |
| 3272P5V | U12 - 22 | A01X+031671Y+013317 |
| 3272P5V | C148 - 1 | A08X+029750Y+014410 |
| 3272P5V | U12 - 11 | A01X+029939Y+013317 |
| 3272P5V | C160 - 1 | A08X+043000Y+009160 |
| 3272P5V | R139 - 1 | A08X+052500Y+003910 |
| 3272P5V | C47 - 1 | A01X+053500Y+003910 |
| 3272P5V | C46 - 1 | A01X+048000Y+003910 |
| 3272P5V | R140 - 1 | A08X+050500Y+003910 |
| 3272P5V | R141 - 1 | A08X+046000Y+003910 |
| 3272P5V | R142 - 1 | A08X+044000Y+003910 |
| 3272P5V | C45 - 1 | A01X+042500Y+003910 |
| 3272P5V | R143 - 1 | A08X+041500Y+003910 |
| 3272P5V | R144 - 1 | A08X+039500Y+003910 |
| 3272P5V | C44 - 1 | A01X+037000Y+003910 |
| 3272P5V | R145 - 1 | A08X+035000Y+003910 |
| 3272P5V | R146 - 1 | A08X+033000Y+003910 |
| 3272P5V | U12 - 44 | A01X+035136Y+013317 |
| 3272P5V | R149 - 1 | A08X+020000Y+003910 |
| 3272P5V | R150 - 1 | A08X+018000Y+003910 |
| 3272P5V | R151 - 1 | A08X+015500Y+003910 |
| 3272P5V | R154 - 1 | A08X+008000Y+003910 |
| 3272P5V | C36 - 1 | A01X+038750Y+010050 |
| 3272P5V | C117 - 1 | A08X+037500Y+018160 |
| 3272P5V | U12 - 68 | A01X+035933Y+017736 |
| 3272P5V | C133 - 1 | A08X+037250Y+016160 |
| 3272P5V | C141 - 1 | A08X+037250Y+014410 |
| 3272P5V | U12 - 176 | A01X+027567Y+014114 |
| 3272P5V | C49 - 1 | A01X+004000Y+004050 |
| 3272P5V | U16 - 6 | A01X+040500Y+009125 |
| 3272P5V | C161 - 1 | A08X+042000Y+009160 |
| 3272P5V | C40 - 1 | A01X+011000Y+003910 |
| 3272P5V | R152 - 1 | A08X+013500Y+003910 |
| 3272P5V | C41 - 1 | A01X+016500Y+003910 |
| 3272P5V | C42 - 1 | A01X+022000Y+003910 |
| 3272P5V | R148 - 1 | A08X+024500Y+003910 |

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|---------|------|------|---------------------------|
| 3272P5V | C43 | - 1 | A01X+027500Y+003910 |
| 3272P5V | R147 | - 1 | A08X+026500Y+003910 |
| 3272P5V | U12 | - 48 | A01X+035933Y+014587 |
| 3272P5V | C188 | - 1 | A08X+035500Y+000090 |
| 3172P5V | J14 | - 5 | D0380PA00X+035500Y+001300 |
| 3272P5V | C183 | - 1 | A08X+050250Y+000090 |
| 3272P5V | C185 | - 1 | A08X+044750Y+000090 |
| 3172P5V | J14 | - 26 | D0380PA00X+045000Y+002300 |
| 3272P5V | C187 | - 1 | A08X+039250Y+000090 |
| 3272P5V | C182 | - 1 | A08X+051250Y+000090 |
| 3172P5V | J14 | - 41 | D0380PA00X+052000Y+001300 |
| 3272P5V | C184 | - 1 | A08X+045750Y+000090 |
| 3172P5V | J14 | - 29 | D0380PA00X+046500Y+001300 |
| 3272P5V | C186 | - 1 | A08X+040250Y+000090 |
| 3172P5V | J14 | - 17 | D0380PA00X+041000Y+001300 |
| 3272P5V | C190 | - 1 | A08X+025500Y+000090 |
| 3172P5V | J13 | - 41 | D0380PA00X+026000Y+001300 |
| 3272P5V | C192 | - 1 | A08X+020250Y+000090 |
| 3172P5V | J13 | - 29 | D0380PA00X+020500Y+001300 |
| 3272P5V | C194 | - 1 | A08X+014750Y+000090 |
| 3172P5V | J13 | - 17 | D0380PA00X+015000Y+001300 |
| 3272P5V | C196 | - 1 | A08X+009500Y+000090 |
| 3172P5V | J13 | - 5 | D0380PA00X+009500Y+001300 |
| 3272P5V | C191 | - 1 | A08X+024500Y+000090 |
| 3172P5V | J13 | - 2 | D0380PA00X+008000Y+002300 |
| 3172P5V | J13 | - 14 | D0380PA00X+013500Y+002300 |
| 3272P5V | C189 | - 1 | A08X+034500Y+000090 |
| 3172P5V | J13 | - 38 | D0380PA00X+024500Y+002300 |
| 3172P5V | J14 | - 14 | D0380PA00X+039500Y+002300 |
| 3272P5V | C197 | - 1 | A08X+008500Y+000090 |
| 3272P5V | U12 | - 60 | A01X+035933Y+016476 |
| 3272P5V | U12 | - 54 | A01X+035933Y+015531 |
| 3172P5V | J14 | - 38 | D0380PA00X+050500Y+002300 |
| 3172P5V | J13 | - 26 | D0380PA00X+019000Y+002300 |
| 3272P5V | C193 | - 1 | A08X+019250Y+000090 |
| 3272P5V | C195 | - 1 | A08X+013750Y+000090 |
| 3272P5V | R153 | - 1 | A08X+009000Y+003910 |
| 3172P5V | J14 | - 2 | D0380PA00X+034000Y+002300 |
| 3172P5V | VIA | | D0120PA00X+033400Y+012600 |
| 3172P5V | VIA | | D0120PA00X+052500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+053500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+050500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+031700Y+012600 |
| 3172P5V | VIA | | D0120PA00X+029950Y+012600 |
| 3172P5V | VIA | | D0120PA00X+043000Y+008750 |
| 3172P5V | VIA | | D0120PA00X+048000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+046000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+044000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+042500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+050250Y+000500 |
| 3172P5V | VIA | | D0120PA00X+045750Y+000500 |
| 3172P5V | VIA | | D0120PA00X+041500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+039500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+037000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+035000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+033000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+039250Y+000500 |
| 3172P5V | VIA | | D0120PA00X+040250Y+000500 |
| 3172P5V | VIA | | D0120PA00X+044750Y+000500 |
| 3172P5V | VIA | | D0120PA00X+034500Y+000500 |
| 3172P5V | VIA | | D0120PA00X+051250Y+000500 |
| 3172P5V | VIA | | D0120PA00X+035500Y+000500 |
| 3172P5V | VIA | | D0120PA00X+041000Y+008700 |

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| 3172P5V | VIA | | D0120PA00X+035200Y+012650 |
| 3172P5V | VIA | | D0120PA00X+039250Y+010250 |
| 3172P5V | VIA | | D0120PA00X+039850Y+009150 |
| 3172P5V | VIA | | D0120PA00X+020000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+022000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+018000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+016500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+040500Y+008500 |
| 3172P5V | VIA | | D0120PA00X+040050Y+008700 |
| 3172P5V | VIA | | D0120PA00X+015500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+027500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+008000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+024500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+026500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+038250Y+010250 |
| 3172P5V | VIA | | D0120PA00X+013500Y+003500 |
| 3172P5V | VIA | | D0120PA00X+036650Y+015550 |
| 3172P5V | VIA | | D0120PA00X+020250Y+000500 |
| 3172P5V | VIA | | D0120PA00X+019250Y+000500 |
| 3172P5V | VIA | | D0120PA00X+014750Y+000500 |
| 3172P5V | VIA | | D0120PA00X+013750Y+000500 |
| 3172P5V | VIA | | D0120PA00X+037000Y+017800 |
| 3172P5V | VIA | | D0120PA00X+036650Y+016500 |
| 3172P5V | VIA | | D0120PA00X+036650Y+014600 |
| 3172P5V | VIA | | D0120PA00X+026950Y+014100 |
| 3172P5V | VIA | | D0120PA00X+003500Y+004250 |
| 3172P5V | VIA | | D0120PA00X+042000Y+008750 |
| 3172P5V | VIA | | D0120PA00X+041200Y+009150 |
| 3172P5V | VIA | | D0120PA00X+009000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+011000Y+003500 |
| 3172P5V | VIA | | D0120PA00X+004500Y+004250 |
| 3172P5V | VIA | | D0120PA00X+009500Y+000500 |
| 3172P5V | VIA | | D0120PA00X+008500Y+000500 |
| 3172P5V | VIA | | D0120PA00X+024500Y+000500 |
| 3172P5V | VIA | | D0120PA00X+025500Y+000500 |
| 3273P3V | R85 | - 1 | A08X+098250Y+017660 |
| 3273P3V | R95 | - 1 | A08X+098250Y+016090 |
| 3273P3V | C150 | - 1 | A08X+027500Y+015090 |
| 3273P3V | R83 | - 1 | A08X+077500Y+018410 |
| 3273P3V | U12 | - 135 | A01X+027567Y+020571 |
| 3273P3V | C111 | - 1 | A08X+076500Y+018410 |
| 3273P3V | R84 | - 1 | A08X+074500Y+018410 |
| 3273P3V | R78 | - 1 | A08X+038500Y+020800 |
| 3273P3V | C128 | - 1 | A08X+070750Y+017340 |
| 3273P3V | R77 | - 1 | A08X+041750Y+020800 |
| 3273P3V | R72 | - 1 | A08X+077500Y+020840 |
| 3273P3V | R73 | - 1 | A08X+076500Y+020840 |
| 3273P3V | R164 | - 1 | A08X+031000Y+000090 |
| 3273P3V | R107 | - 1 | A08X+069590Y+014480 |
| 3273P3V | R63 | - 1 | A08X+077500Y+022590 |
| 3273P3V | C7 | - 1 | A01X+086700Y+027000 |
| 3273P3V | R62 | - 1 | A08X+078500Y+022590 |
| 3273P3V | R82 | - 1 | A08X+078500Y+018410 |
| 3273P3V | R70 | - 1 | A08X+079500Y+020840 |
| 3273P3V | R71 | - 1 | A08X+078500Y+020840 |
| 3273P3V | R88 | - 1 | A08X+078500Y+016660 |
| 3273P3V | C72 | - 1 | A08X+088000Y+024910 |
| 3273P3V | R96 | - 1 | A08X+097000Y+015410 |
| 3273P3V | C96 | - 1 | A08X+093000Y+020160 |
| 3273P3V | C32 | - 1 | A01X+095000Y+015300 |
| 3273P3V | U14 | - 8 | A01X+098250Y+015650 |
| 3273P3V | R79 | - 2 | A08X+095000Y+018410 |
| 3273P3V | C23 | - 1 | A01X+095000Y+019050 |

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|---------|------|------|---------------------|
| 3273P3V | C80 | - 1 | A08X+098250Y+023660 |
| 3273P3V | R48 | - 1 | A08X+091000Y+025590 |
| 3273P3V | R124 | - 1 | A08X+069500Y+012090 |
| 3273P3V | R44 | - 1 | A08X+082250Y+026590 |
| 3273P3V | R45 | - 1 | A08X+079500Y+026590 |
| 3273P3V | R47 | - 1 | A08X+059500Y+026590 |
| 3273P3V | C59 | - 1 | A08X+058500Y+029660 |
| 3273P3V | L3 | - 1 | A08X+068250Y+011090 |
| 3273P3V | U4 | - 19 | A01X+058604Y+028421 |
| 3273P3V | C26 | - 1 | A01X+099250Y+016410 |
| 3273P3V | R64 | - 1 | A08X+076500Y+022590 |
| 3273P3V | U4 | - 20 | A01X+058348Y+028421 |
| 3273P3V | U4 | - 18 | A01X+058860Y+028421 |
| 3273P3V | C130 | - 1 | A08X+053000Y+016340 |
| 3273P3V | R94 | - 1 | A08X+063500Y+016160 |
| 3273P3V | C38 | - 1 | A01X+071750Y+008300 |
| 3273P3V | C27 | - 1 | A01X+053270Y+014000 |
| 3273P3V | R108 | - 1 | A08X+065810Y+014480 |
| 3273P3V | R109 | - 1 | A08X+063980Y+014480 |
| 3273P3V | R110 | - 1 | A08X+060200Y+014480 |
| 3273P3V | C139 | - 1 | A08X+073000Y+013910 |
| 3273P3V | L2 | - 1 | A01X+074000Y+013120 |
| 3273P3V | C140 | - 1 | A08X+072000Y+013910 |
| 3273P3V | R106 | - 1 | A08X+079250Y+013910 |
| 3273P3V | R105 | - 1 | A08X+080250Y+013910 |
| 3273P3V | C34 | - 1 | A01X+086450Y+011000 |
| 3273P3V | R122 | - 1 | A08X+081250Y+010910 |
| 3273P3V | C101 | - 1 | A08X+069750Y+020160 |
| 3273P3V | R4 | - 1 | A01X+081250Y+010910 |
| 3273P3V | R133 | - 1 | A08X+082250Y+009160 |
| 3273P3V | R129 | - 1 | A08X+086500Y+009160 |
| 3273P3V | R121 | - 1 | A08X+082250Y+010910 |
| 3273P3V | R5 | - 1 | A01X+082250Y+010910 |
| 3273P3V | C82 | - 1 | A08X+070750Y+024590 |
| 3273P3V | R51 | - 1 | A08X+078500Y+024340 |
| 3273P3V | R52 | - 1 | A08X+077500Y+024340 |
| 3273P3V | R136 | - 1 | A08X+065750Y+007660 |
| 3273P3V | J11 | - 7 | A01X+062638Y+008920 |
| 3273P3V | C151 | - 1 | A08X+086500Y+013590 |
| 3273P3V | C89 | - 1 | A08X+081500Y+021910 |
| 3273P3V | C126 | - 1 | A08X+081500Y+016660 |
| 3273P3V | R50 | - 1 | A08X+079500Y+024340 |
| 3273P3V | U10 | - 81 | A01X+072967Y+023900 |
| 3273P3V | U10 | - 55 | A01X+072967Y+018781 |
| 3273P3V | R53 | - 1 | A08X+076500Y+024340 |
| 3273P3V | U10 | - 15 | A01X+068533Y+022128 |
| 3273P3V | U10 | - 35 | A01X+068533Y+018191 |
| 3273P3V | C19 | - 1 | A01X+079550Y+020450 |
| 3273P3V | R89 | - 1 | A08X+077500Y+016660 |
| 3273P3V | R91 | - 1 | A08X+075500Y+016660 |
| 3273P3V | R90 | - 1 | A08X+076500Y+017340 |
| 3273P3V | U13 | - 4 | A01X+076500Y+018570 |
| 3273P3V | C112 | - 1 | A08X+075500Y+018410 |
| 3273P3V | R81 | - 1 | A08X+079500Y+018410 |
| 3273P3V | R74 | - 1 | A08X+075500Y+020840 |
| 3273P3V | R65 | - 1 | A08X+075500Y+022590 |
| 3273P3V | R54 | - 1 | A08X+075500Y+024340 |
| 3273P3V | U10 | - 49 | A01X+072967Y+017600 |
| 3273P3V | C127 | - 1 | A08X+071750Y+017340 |
| 3273P3V | U10 | - 1 | A01X+068533Y+024884 |
| 3273P3V | C83 | - 1 | A08X+069750Y+024590 |
| 3273P3V | U10 | - 3 | A01X+068533Y+024490 |
| 3273P3V | U10 | - 9 | A01X+068533Y+023309 |

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|---------|------|-------|----------------------|
| 3273P3V | C74 | - 1 | A08X+064750Y+025160 |
| 3273P3V | R55 | - 1 | A08X+062250Y+024160 |
| 3273P3V | R56 | - 1 | A08X+060500Y+024160 |
| 3273P3V | R46 | - 1 | A08X+060500Y+026590 |
| 3273P3V | C75 | - 1 | A08X+057000Y+024910 |
| 3273P3V | C76 | - 1 | A08X+056000Y+024910 |
| 3273P3V | C113 | - 1 | A08X+057000Y+018590 |
| 3273P3V | C114 | - 1 | A08X+056000Y+018590 |
| 3273P3V | C60 | - 1 | A08X+049750Y+028950 |
| 3273P3V | C67 | - 1 | A08X+048500Y+027160 |
| 3273P3V | C3 | - 1 | A01X+049770Y+029250 |
| 3273P3V | F7 | - 2 | A01X+044000Y+029250 |
| 3273P3V | F6 | - 2 | A01X+039500Y+029250 |
| 3273P3V | C129 | - 1 | A08X+054000Y+016340 |
| 3273P3V | C137 | - 1 | A08X+045750Y+016300 |
| 3273P3V | C132 | - 1 | A08X+047000Y+016340 |
| 3273P3V | C131 | - 1 | A08X+048000Y+016340 |
| 3273P3V | C115 | - 1 | A08X+045500Y+018590 |
| 3273P3V | C116 | - 1 | A08X+044500Y+018590 |
| 3273P3V | R76 | - 1 | A08X+043500Y+020340 |
| 3273P3V | R67 | - 1 | A08X+043500Y+022090 |
| 3273P3V | C77 | - 1 | A08X+045500Y+024910 |
| 3273P3V | C78 | - 1 | A08X+044500Y+024910 |
| 3273P3V | C119 | - 1 | A08X+034750Y+018160 |
| 3273P3V | U12 | - 72 | A01X+035933Y+018366 |
| 3273P3V | C107 | - 1 | A08X+029750Y+020590 |
| 3273P3V | C105 | - 1 | A08X+031750Y+020590 |
| 3273P3V | C104 | - 1 | A08X+032750Y+020590 |
| 3273P3V | C102 | - 1 | A08X+034750Y+020590 |
| 3273P3V | C136 | - 1 | A08X+028750Y+016160 |
| 3273P3V | U12 | - 170 | A01X+027567Y+015059 |
| 3273P3V | U17 | - 16 | A01X+084000Y+005350 |
| 3273P3V | C48 | - 1 | A01X+083000Y+004590 |
| 3273P3V | C37 | - 1 | A01X+058000Y+008300 |
| 3273P3V | R173 | - 1 | A08X+074250Y- 001840 |
| 3273P3V | R156 | - 1 | A08X+074250Y+001410 |
| 3273P3V | R155 | - 1 | A08X+074250Y+003160 |
| 3273P3V | J12 | - 7 | A01X+068248Y+008920 |
| 3273P3V | R135 | - 1 | A08X+069500Y+007660 |
| 3273P3V | R137 | - 1 | A08X+064000Y+007660 |
| 3273P3V | R138 | - 1 | A08X+060250Y+007660 |
| 3273P3V | L4 | - 1 | A08X+067000Y+011090 |
| 3273P3V | R126 | - 1 | A08X+063750Y+012090 |
| 3273P3V | L5 | - 1 | A08X+062750Y+011090 |
| 3273P3V | L6 | - 1 | A08X+061500Y+011090 |
| 3273P3V | U8 | - 36 | A01X+051734Y+025490 |
| 3273P3V | U8 | - 40 | A01X+053309Y+025490 |
| 3273P3V | U8 | - 106 | A01X+053309Y+024309 |
| 3273P3V | U8 | - 109 | A01X+054490Y+024309 |
| 3273P3V | U8 | - 124 | A01X+051734Y+023915 |
| 3273P3V | U8 | - 193 | A01X+052915Y+022734 |
| 3273P3V | U8 | - 78 | A01X+050947Y+024703 |
| 3273P3V | U8 | - 219 | A01X+054490Y+022341 |
| 3273P3V | U8 | - 178 | A01X+047010Y+022734 |
| 3273P3V | U8 | - 395 | A01X+054490Y+019191 |
| 3273P3V | U8 | - 379 | A01X+048191Y+019191 |
| 3273P3V | U8 | - 261 | A01X+053703Y+021553 |
| 3273P3V | U8 | - 303 | A01X+052915Y+020766 |
| 3273P3V | U8 | - 307 | A01X+054490Y+020766 |
| 3273P3V | U8 | - 366 | A01X+051734Y+019585 |
| 3273P3V | U8 | - 392 | A01X+053309Y+019191 |
| 3273P3V | U8 | - 458 | A01X+053309Y+018010 |
| 3273P3V | U8 | - 453 | A01X+051341Y+018010 |

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|---------|------|-------|
| 3273P3V | U8 | - 361 |
| 3273P3V | U8 | - 376 |
| 3273P3V | U8 | - 266 |
| 3273P3V | U8 | - 407 |
| 3273P3V | U8 | - 297 |
| 3273P3V | U8 | - 292 |
| 3273P3V | U8 | - 445 |
| 3273P3V | U8 | - 449 |
| 3273P3V | U8 | - 165 |
| 3273P3V | U8 | - 119 |
| 3273P3V | U8 | - 93 |
| 3273P3V | U8 | - 90 |
| 3273P3V | U8 | - 32 |
| 3273P3V | U8 | - 27 |
| 3273P3V | U8 | - 182 |
| 3273P3V | U8 | - 224 |
| 3273P3V | C39 | - 1 |
| 3273P3V | C109 | - 1 |
| 3273P3V | C110 | - 1 |
| 3273P3V | C125 | - 1 |
| 3273P3V | C124 | - 1 |
| 3273P3V | C123 | - 1 |
| 3273P3V | C98 | - 1 |
| 3273P3V | C99 | - 1 |
| 3273P3V | C100 | - 1 |
| 3273P3V | C97 | - 1 |
| 3273P3V | C122 | - 1 |
| 3273P3V | U11 | - 150 |
| 3273P3V | U11 | - 85 |
| 3273P3V | U11 | - 86 |
| 3273P3V | U11 | - 87 |
| 3273P3V | U11 | - 88 |
| 3273P3V | U11 | - 89 |
| 3273P3V | U11 | - 108 |
| 3273P3V | U11 | - 109 |
| 3273P3V | U11 | - 127 |
| 3273P3V | U11 | - 146 |
| 3273P3V | U11 | - 165 |
| 3273P3V | U11 | - 279 |
| 3273P3V | U11 | - 260 |
| 3273P3V | U11 | - 241 |
| 3273P3V | U11 | - 184 |
| 3273P3V | U11 | - 203 |
| 3273P3V | U11 | - 222 |
| 3273P3V | U11 | - 261 |
| 3273P3V | U11 | - 275 |
| 3273P3V | U11 | - 276 |
| 3273P3V | U11 | - 277 |
| 3273P3V | U11 | - 278 |
| 3273P3V | U11 | - 297 |
| 3273P3V | R134 | - 1 |
| 3273P3V | U11 | - 174 |
| 3273P3V | U11 | - 193 |
| 3273P3V | U11 | - 212 |
| 3273P3V | U11 | - 231 |
| 3273P3V | U11 | - 249 |
| 3273P3V | U11 | - 250 |
| 3273P3V | U11 | - 269 |
| 3273P3V | U11 | - 270 |
| 3273P3V | U11 | - 271 |
| 3273P3V | U11 | - 272 |
| 3273P3V | U11 | - 273 |
| 3273P3V | U11 | - 274 |

IPC

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| A01X+049766Y+019585 |
| A01X+047010Y+019191 |
| A01X+047010Y+021159 |
| A01X+050553Y+018797 |
| A01X+050553Y+020766 |
| A01X+048585Y+020766 |
| A01X+048191Y+018010 |
| A01X+049766Y+018010 |
| A01X+050553Y+023128 |
| A01X+049766Y+023915 |
| A01X+048191Y+024309 |
| A01X+047010Y+024309 |
| A01X+050159Y+025490 |
| A01X+048191Y+025490 |
| A01X+048585Y+022734 |
| A01X+047797Y+021947 |
| A01X- 000500Y+005800 |
| A08X+089500Y+018910 |
| A08X+085000Y+018910 |
| A08X+085000Y+017160 |
| A08X+086500Y+017160 |
| A08X+088000Y+017160 |
| A08X+088000Y+021340 |
| A08X+086500Y+021340 |
| A08X+085000Y+021340 |
| A08X+089500Y+021340 |
| A08X+089500Y+017160 |
| A01X+091750Y+020250 |
| A01X+087750Y+021750 |
| A01X+088250Y+021750 |
| A01X+088750Y+021750 |
| A01X+089250Y+021750 |
| A01X+089750Y+021750 |
| A01X+089750Y+021250 |
| A01X+090250Y+021250 |
| A01X+089750Y+020750 |
| A01X+089750Y+020250 |
| A01X+089750Y+019750 |
| A01X+089750Y+016750 |
| A01X+089750Y+017250 |
| A01X+089750Y+017750 |
| A01X+089750Y+019250 |
| A01X+089750Y+018750 |
| A01X+089750Y+018250 |
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| A01X+088250Y+016750 |
| A01X+088750Y+016750 |
| A01X+089250Y+016750 |
| A01X+089250Y+016250 |
| A08X+081250Y+009160 |
| A01X+084750Y+019250 |
| A01X+084750Y+018750 |
| A01X+084750Y+018250 |
| A01X+084750Y+017750 |
| A01X+084250Y+017250 |
| A01X+084750Y+017250 |
| A01X+084750Y+016750 |
| A01X+085250Y+016750 |
| A01X+085750Y+016750 |
| A01X+086250Y+016750 |
| A01X+086750Y+016750 |
| A01X+087250Y+016750 |

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|---------|------|-------|
| 3273P3V | U11 | - 347 |
| 3273P3V | U11 | - 208 |
| 3273P3V | U11 | - 265 |
| 3273P3V | U11 | - 98 |
| 3273P3V | U11 | - 155 |
| 3273P3V | U11 | - 136 |
| 3273P3V | U11 | - 117 |
| 3273P3V | U11 | - 97 |
| 3273P3V | U11 | - 84 |
| 3273P3V | U11 | - 83 |
| 3273P3V | U11 | - 82 |
| 3273P3V | U11 | - 81 |
| 3273P3V | U11 | - 80 |
| 3273P3V | U11 | - 79 |
| 3273P3V | U11 | - 7 |
| 3273P3V | C73 | - 1 |
| 3273P3V | C4 | - 1 |
| 3273P3V | U1 | - 3 |
| 3273P3V | C20 | - 1 |
| 3273P3V | C35 | - 1 |
| 3273P3V | U16 | - 3 |
| 3273P3V | U16 | - 2 |
| 3273P3V | C13 | - 1 |
| 3273P3V | U1 | - 2 |
| 3273P3V | R41 | - 1 |
| 3273P3V | C68 | - 1 |
| 3273P3V | C65 | - 1 |
| 3273P3V | R7 | - 1 |
| 3273P3V | C2 | - 1 |
| 3273P3V | C9 | - 1 |
| 3273P3V | U5 | - 8 |
| 3273P3V | R75 | - 1 |
| 3273P3V | C66 | - 1 |
| 3273P3V | C157 | - 1 |
| 3273P3V | C156 | - 1 |
| 3273P3V | U3 | - 2 |
| 3273P3V | U7 | - 2 |
| 3273P3V | R69 | - 2 |
| 3273P3V | U12 | - 91 |
| 3273P3V | C108 | - 1 |
| 3273P3V | U12 | - 162 |
| 3273P3V | R59 | - 1 |
| 3273P3V | C58 | - 1 |
| 3273P3V | C121 | - 1 |
| 3273P3V | R58 | - 1 |
| 3273P3V | R57 | - 1 |
| 3273P3V | U5 | - 6 |
| 3273P3V | R117 | - 1 |
| 3273P3V | U12 | - 80 |
| 3273P3V | U12 | - 154 |
| 3273P3V | C62 | - 1 |
| 3273P3V | C61 | - 1 |
| 3273P3V | U12 | - 145 |
| 3273P3V | R119 | - 1 |
| 3273P3V | R120 | - 1 |
| 3273P3V | R118 | - 1 |
| 3273P3V | R132 | - 1 |
| 3273P3V | R131 | - 1 |
| 3273P3V | C81 | - 1 |
| 3273P3V | R130 | - 1 |
| 3273P3V | R43 | - 1 |
| 3273P3V | J8 | - 9 |
| 3273P3V | R115 | - 1 |

IPC

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| A01X+086250Y+014750 |
| A01X+082750Y+018250 |
| A01X+082750Y+016750 |
| A01X+084750Y+021250 |
| A01X+084750Y+019750 |
| A01X+084750Y+020250 |
| A01X+084750Y+020750 |
| A01X+084250Y+021250 |
| A01X+087250Y+021750 |
| A01X+086750Y+021750 |
| A01X+086250Y+021750 |
| A01X+085750Y+021750 |
| A01X+085250Y+021750 |
| A01X+084750Y+021750 |
| A01X+086250Y+023750 |
| A08X+086250Y+024910 |
| A01X+073000Y+030010 |
| A01X+070750Y+029375 |
| A01X+098730Y+020000 |
| A01X+050000Y+012010 |
| A01X+048000Y+011625 |
| A01X+048000Y+010375 |
| A01X+031000Y+026980 |
| A01X+070750Y+028125 |
| A08X+046500Y+027840 |
| A08X+047500Y+027160 |
| A08X+054500Y+027160 |
| A01X+001160Y+006250 |
| A01X+037750Y+030800 |
| A01X+025500Y+026340 |
| A01X+026500Y+027100 |
| A08X+070750Y+020160 |
| A08X+053500Y+027160 |
| A08X+000750Y+011910 |
| A08X+001750Y+011910 |
| A01X+033250Y+025000 |
| A01X+098250Y+022250 |
| A08X+094000Y+020840 |
| A01X+034821Y+021683 |
| A08X+028750Y+020590 |
| A01X+027567Y+016319 |
| A08X+031750Y+023590 |
| A08X+059500Y+029660 |
| A08X+093000Y+016660 |
| A08X+032750Y+023590 |
| A08X+033750Y+023590 |
| A01X+027500Y+027100 |
| A08X+086500Y+010910 |
| A01X+035933Y+019626 |
| A01X+027567Y+017579 |
| A08X+068000Y+029090 |
| A08X+069000Y+029090 |
| A01X+027567Y+018996 |
| A08X+084250Y+010910 |
| A08X+083250Y+010910 |
| A08X+085250Y+010910 |
| A08X+083250Y+009160 |
| A08X+084250Y+009160 |
| A08X+097250Y+023660 |
| A08X+085250Y+009160 |
| A08X+083500Y+026590 |
| A01X+084000Y+028630 |
| A08X+090000Y+010910 |

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|---------|------|-------|----------------------------|
| 3273P3V | R113 | - 1 | A08X+092000Y+010910 |
| 3273P3V | U10 | - 75 | A01X+072967Y+022719 |
| 3273P3V | U9 | - 37 | A01X+064152Y+024589 |
| 3273P3V | R157 | - 1 | A08X+052250Y+000090 |
| 3273P3V | R159 | - 1 | A08X+047750Y+000090 |
| 3273P3V | R160 | - 1 | A08X+043750Y+000090 |
| 3273P3V | R162 | - 1 | A08X+038250Y+000090 |
| 3273P3V | R158 | - 1 | A08X+049250Y+000090 |
| 3273P3V | R161 | - 1 | A08X+042250Y+000090 |
| 3273P3V | R163 | - 1 | A08X+036750Y+000090 |
| 3273P3V | R166 | - 1 | A08X+023250Y+000090 |
| 3273P3V | C70 | - 1 | A08X+032750Y+025910 |
| 3273P3V | R168 | - 1 | A08X+017750Y+000090 |
| 3273P3V | R169 | - 1 | A08X+016250Y+000090 |
| 3273P3V | R165 | - 1 | A08X+026500Y+000090 |
| 3173P3V | U15 | - 8 | D0720PA00X- 000500Y+011500 |
| 3273P3V | C69 | - 1 | A08X+033750Y+025910 |
| 3273P3V | R170 | - 1 | A08X+012250Y+000090 |
| 3273P3V | R92 | - 1 | A08X+066000Y+016160 |
| 3273P3V | R171 | - 1 | A08X+010750Y+000090 |
| 3273P3V | R172 | - 1 | A08X+005000Y+000090 |
| 3273P3V | R167 | - 1 | A08X+021750Y+000090 |
| 3273P3V | U12 | - 121 | A01X+030096Y+021683 |
| 3273P3V | U12 | - 113 | A01X+031356Y+021683 |
| 3273P3V | C158 | - 1 | A08X+046250Y+010660 |
| 3273P3V | C159 | - 1 | A08X+045250Y+010660 |
| 3273P3V | U10 | - 29 | A01X+068533Y+019372 |
| 3273P3V | U12 | - 105 | A01X+032616Y+021683 |
| 3173P3V | J9 | - 2 | D0360PA00X+098287Y+013000 |
| 3273P3V | U10 | - 43 | A01X+068533Y+016616 |
| 3273P3V | U10 | - 41 | A01X+068533Y+017010 |
| 3273P3V | R116 | - 1 | A08X+089000Y+010910 |
| 3173P3V | U15 | - 7 | D0520PA00X- 000500Y+013000 |
| 3173P3V | VIA | | D0120PA00X+098250Y+017150 |
| 3173P3V | VIA | | D0120PA00X+026900Y+015000 |
| 3173P3V | VIA | | D0120PA00X+077000Y+018500 |
| 3173P3V | VIA | | D0120PA00X+028150Y+020450 |
| 3173P3V | VIA | | D0120PA00X+074900Y+018500 |
| 3173P3V | VIA | | D0120PA00X+072250Y+018500 |
| 3173P3V | VIA | | D0120PA00X+039400Y+020600 |
| 3173P3V | VIA | | D0120PA00X+039400Y+021000 |
| 3173P3V | VIA | | D0120PA00X+069250Y+017000 |
| 3173P3V | VIA | | D0120PA00X+042650Y+020600 |
| 3173P3V | VIA | | D0120PA00X+042650Y+021000 |
| 3173P3V | VIA | | D0120PA00X+076900Y+020750 |
| 3173P3V | VIA | | D0120PA00X+076000Y+020750 |
| 3173P3V | VIA | | D0120PA00X+043000Y+022000 |
| 3173P3V | VIA | | D0120PA00X+070250Y+014500 |
| 3173P3V | VIA | | D0120PA00X+069250Y+016500 |
| 3173P3V | VIA | | D0120PA00X+031000Y+000500 |
| 3173P3V | VIA | | D0120PA00X+069500Y+012500 |
| 3173P3V | VIA | | D0120PA00X+077000Y+022500 |
| 3173P3V | VIA | | D0120PA00X+082250Y+027000 |
| 3173P3V | VIA | | D0120PA00X+079500Y+027000 |
| 3173P3V | VIA | | D0120PA00X+086950Y+027650 |
| 3173P3V | VIA | | D0120PA00X+086500Y+027650 |
| 3173P3V | VIA | | D0120PA00X+081000Y+022000 |
| 3173P3V | VIA | | D0120PA00X+079000Y+022700 |
| 3173P3V | VIA | | D0120PA00X+083500Y+027000 |
| 3173P3V | VIA | | D0120PA00X+084000Y+027650 |
| 3173P3V | VIA | | D0120PA00X+078700Y+018000 |
| 3173P3V | VIA | | D0120PA00X+079000Y+020750 |
| 3173P3V | VIA | | D0120PA00X+036750Y+000500 |

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|---------|-----|---------------------------|
| 3173P3V | VIA | D0120PA00X+038250Y+000500 |
| 3173P3V | VIA | D0120PA00X+088100Y+024500 |
| 3173P3V | VIA | D0120PA00X+086250Y+024500 |
| 3173P3V | VIA | D0120PA00X+081000Y+016750 |
| 3173P3V | VIA | D0120PA00X+079050Y+016750 |
| 3173P3V | VIA | D0120PA00X+077900Y+022450 |
| 3173P3V | VIA | D0120PA00X+035300Y+019650 |
| 3173P3V | VIA | D0120PA00X+026500Y+000500 |
| 3173P3V | VIA | D0120PA00X+077900Y+018500 |
| 3173P3V | VIA | D0120PA00X+080000Y+018500 |
| 3173P3V | VIA | D0120PA00X+097000Y+014950 |
| 3173P3V | VIA | D0120PA00X+095500Y+015150 |
| 3173P3V | VIA | D0120PA00X+094000Y+021250 |
| 3173P3V | VIA | D0120PA00X+095500Y+018450 |
| 3173P3V | VIA | D0120PA00X+095500Y+015500 |
| 3173P3V | VIA | D0120PA00X+098250Y+016550 |
| 3173P3V | VIA | D0120PA00X+095500Y+018850 |
| 3173P3V | VIA | D0120PA00X+095500Y+019200 |
| 3173P3V | VIA | D0120PA00X+097800Y+023200 |
| 3173P3V | VIA | D0120PA00X+077900Y+020750 |
| 3173P3V | VIA | D0120PA00X+091000Y+026000 |
| 3173P3V | VIA | D0120PA00X+068650Y+011000 |
| 3173P3V | VIA | D0120PA00X+059400Y+027000 |
| 3173P3V | VIA | D0120PA00X+057500Y+029250 |
| 3173P3V | VIA | D0120PA00X+066600Y+011000 |
| 3173P3V | VIA | D0120PA00X+058500Y+029250 |
| 3173P3V | VIA | D0120PA00X+076000Y+022500 |
| 3173P3V | VIA | D0120PA00X+058000Y+029250 |
| 3173P3V | VIA | D0120PA00X+059000Y+029250 |
| 3173P3V | VIA | D0120PA00X+060500Y+027000 |
| 3173P3V | VIA | D0120PA00X+070100Y+028150 |
| 3173P3V | VIA | D0120PA00X+059500Y+029250 |
| 3173P3V | VIA | D0120PA00X+071200Y+028950 |
| 3173P3V | VIA | D0120PA00X+077900Y+016750 |
| 3173P3V | VIA | D0120PA00X+071200Y+027700 |
| 3173P3V | VIA | D0120PA00X+071400Y+029400 |
| 3173P3V | VIA | D0120PA00X+071200Y+028550 |
| 3173P3V | VIA | D0120PA00X+053500Y+016250 |
| 3173P3V | VIA | D0120PA00X+062000Y+023750 |
| 3173P3V | VIA | D0120PA00X+071400Y+028150 |
| 3173P3V | VIA | D0120PA00X+073250Y+030750 |
| 3173P3V | VIA | D0120PA00X+063000Y+016250 |
| 3173P3V | VIA | D0120PA00X+069000Y+007750 |
| 3173P3V | VIA | D0120PA00X+052500Y+014500 |
| 3173P3V | VIA | D0120PA00X+081250Y+008750 |
| 3173P3V | VIA | D0120PA00X+082250Y+008750 |
| 3173P3V | VIA | D0120PA00X+065250Y+014500 |
| 3173P3V | VIA | D0120PA00X+063450Y+014500 |
| 3173P3V | VIA | D0120PA00X+089000Y+010500 |
| 3173P3V | VIA | D0120PA00X+090000Y+010500 |
| 3173P3V | VIA | D0120PA00X+059500Y+014500 |
| 3173P3V | VIA | D0120PA00X+092000Y+010500 |
| 3173P3V | VIA | D0120PA00X+075000Y+013250 |
| 3173P3V | VIA | D0120PA00X+073000Y+013250 |
| 3173P3V | VIA | D0120PA00X+073750Y+012600 |
| 3173P3V | VIA | D0120PA00X+072000Y+013250 |
| 3173P3V | VIA | D0120PA00X+079250Y+013500 |
| 3173P3V | VIA | D0120PA00X+080250Y+013500 |
| 3173P3V | VIA | D0120PA00X+069750Y+019750 |
| 3173P3V | VIA | D0120PA00X+070750Y+019750 |
| 3173P3V | VIA | D0120PA00X+081250Y+010500 |
| 3173P3V | VIA | D0120PA00X+086500Y+010500 |
| 3173P3V | VIA | D0120PA00X+069250Y+022250 |

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| 3173P3V | VIA | D0120PA00X+069250Y+023250 |
| 3173P3V | VIA | D0120PA00X+069250Y+025000 |
| 3173P3V | VIA | D0120PA00X+086500Y+008750 |
| 3173P3V | VIA | D0120PA00X+082250Y+010500 |
| 3173P3V | VIA | D0120PA00X+074250Y+012600 |
| 3173P3V | VIA | D0120PA00X+072250Y+008500 |
| 3173P3V | VIA | D0120PA00X+079100Y+024250 |
| 3173P3V | VIA | D0120PA00X+070250Y+024500 |
| 3173P3V | VIA | D0120PA00X+072250Y+023750 |
| 3173P3V | VIA | D0120PA00X+072250Y+022750 |
| 3173P3V | VIA | D0120PA00X+077900Y+024250 |
| 3173P3V | VIA | D0120PA00X+077000Y+024250 |
| 3173P3V | VIA | D0120PA00X+067750Y+008000 |
| 3173P3V | VIA | D0120PA00X+066250Y+007750 |
| 3173P3V | VIA | D0120PA00X+086000Y+013500 |
| 3173P3V | VIA | D0120PA00X+063500Y+007750 |
| 3173P3V | VIA | D0120PA00X+062250Y+008000 |
| 3173P3V | VIA | D0120PA00X+063150Y+011000 |
| 3173P3V | VIA | D0120PA00X+075000Y+016750 |
| 3173P3V | VIA | D0120PA00X+076000Y+024250 |
| 3173P3V | VIA | D0120PA00X+063750Y+012500 |
| 3173P3V | VIA | D0120PA00X+085250Y+010500 |
| 3173P3V | VIA | D0120PA00X+069250Y+018000 |
| 3173P3V | VIA | D0120PA00X+083250Y+008750 |
| 3173P3V | VIA | D0120PA00X+083250Y+010500 |
| 3173P3V | VIA | D0120PA00X+080000Y+024250 |
| 3173P3V | VIA | D0120PA00X+090500Y+021500 |
| 3173P3V | VIA | D0120PA00X+090000Y+021500 |
| 3173P3V | VIA | D0120PA00X+077000Y+017500 |
| 3173P3V | VIA | D0120PA00X+076000Y+018500 |
| 3173P3V | VIA | D0120PA00X+080000Y+020750 |
| 3173P3V | VIA | D0120PA00X+093000Y+019750 |
| 3173P3V | VIA | D0120PA00X+072250Y+017500 |
| 3173P3V | VIA | D0120PA00X+084250Y+010500 |
| 3173P3V | VIA | D0120PA00X+071250Y+017500 |
| 3173P3V | VIA | D0120PA00X+069250Y+024500 |
| 3173P3V | VIA | D0120PA00X+099500Y+019750 |
| 3173P3V | VIA | D0120PA00X+064250Y+025250 |
| 3173P3V | VIA | D0120PA00X+084250Y+008750 |
| 3173P3V | VIA | D0120PA00X+085250Y+008750 |
| 3173P3V | VIA | D0120PA00X+060500Y+023750 |
| 3173P3V | VIA | D0120PA00X+069250Y+019250 |
| 3173P3V | VIA | D0120PA00X+070100Y+029400 |
| 3173P3V | VIA | D0120PA00X+069000Y+029500 |
| 3173P3V | VIA | D0120PA00X+057500Y+025000 |
| 3173P3V | VIA | D0120PA00X+056500Y+025000 |
| 3173P3V | VIA | D0120PA00X+057500Y+018500 |
| 3173P3V | VIA | D0120PA00X+056500Y+018500 |
| 3173P3V | VIA | D0120PA00X+049000Y+029000 |
| 3173P3V | VIA | D0120PA00X+098250Y+023000 |
| 3173P3V | VIA | D0120PA00X+048500Y+026750 |
| 3173P3V | VIA | D0120PA00X+049000Y+029500 |
| 3173P3V | VIA | D0120PA00X+043750Y+028500 |
| 3173P3V | VIA | D0120PA00X+044250Y+028500 |
| 3173P3V | VIA | D0120PA00X+039750Y+028500 |
| 3173P3V | VIA | D0120PA00X+039250Y+028500 |
| 3173P3V | VIA | D0120PA00X+052500Y+013750 |
| 3173P3V | VIA | D0120PA00X+045000Y+016250 |
| 3173P3V | VIA | D0120PA00X+073750Y+003250 |
| 3173P3V | VIA | D0120PA00X+098250Y+021500 |
| 3173P3V | VIA | D0120PA00X+046500Y+016250 |
| 3173P3V | VIA | D0120PA00X+047500Y+016250 |
| 3173P3V | VIA | D0120PA00X+082500Y+016500 |

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| 3173P3V | VIA | D0120PA00X+082500Y+018000 |
| 3173P3V | VIA | D0120PA00X+045000Y+018500 |
| 3173P3V | VIA | D0120PA00X+053506Y+017813 |
| 3173P3V | VIA | D0120PA00X+044000Y+018500 |
| 3173P3V | VIA | D0120PA00X+044000Y+020250 |
| 3173P3V | VIA | D0120PA00X+050250Y+012750 |
| 3173P3V | VIA | D0120PA00X+048400Y+012100 |
| 3173P3V | VIA | D0120PA00X+049750Y+012750 |
| 3173P3V | VIA | D0120PA00X+045000Y+025000 |
| 3173P3V | VIA | D0120PA00X+044000Y+025000 |
| 3173P3V | VIA | D0120PA00X+099250Y+015950 |
| 3173P3V | VIA | D0120PA00X+035300Y+018500 |
| 3173P3V | VIA | D0120PA00X+030100Y+021100 |
| 3173P3V | VIA | D0120PA00X+031350Y+021100 |
| 3173P3V | VIA | D0120PA00X+032600Y+021100 |
| 3173P3V | VIA | D0120PA00X+034800Y+021100 |
| 3173P3V | VIA | D0120PA00X+028150Y+016300 |
| 3173P3V | VIA | D0120PA00X+010750Y+000500 |
| 3173P3V | VIA | D0120PA00X+012250Y+000500 |
| 3173P3V | VIA | D0120PA00X+071250Y+008500 |
| 3173P3V | VIA | D0120PA00X+057500Y+008500 |
| 3173P3V | VIA | D0120PA00X+073750Y- 001750 |
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| 3173P3V | VIA | D0120PA00X+093000Y+016250 |
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| 3173P3V | VIA | D0120PA00X+068000Y+029500 |
| 3173P3V | VIA | D0120PA00X+060750Y+007750 |
| 3173P3V | VIA | D0120PA00X+046813Y+024506 |
| 3173P3V | VIA | D0120PA00X+054687Y+022537 |
| 3173P3V | VIA | D0120PA00X+098750Y+022750 |
| 3173P3V | VIA | D0120PA00X+030750Y+027750 |
| 3173P3V | VIA | D0120PA00X+027500Y+026500 |
| 3173P3V | VIA | D0120PA00X+047994Y+025687 |
| 3173P3V | VIA | D0120PA00X+047994Y+024506 |
| 3173P3V | VIA | D0120PA00X+061100Y+011000 |
| 3173P3V | VIA | D0120PA00X+051931Y+025687 |
| 3173P3V | VIA | D0120PA00X+053506Y+025687 |
| 3173P3V | VIA | D0120PA00X+053506Y+024506 |
| 3173P3V | VIA | D0120PA00X+054687Y+024506 |
| 3173P3V | VIA | D0120PA00X+051931Y+024112 |
| 3173P3V | VIA | D0120PA00X+053112Y+022931 |
| 3173P3V | VIA | D0120PA00X+051144Y+024900 |
| 3173P3V | VIA | D0120PA00X+099000Y+022250 |
| 3173P3V | VIA | D0120PA00X+048388Y+022931 |
| 3173P3V | VIA | D0120PA00X+053900Y+021356 |
| 3173P3V | VIA | D0120PA00X+046813Y+020963 |
| 3173P3V | VIA | D0120PA00X+046813Y+018994 |
| 3173P3V | VIA | D0120PA00X+054687Y+020569 |
| 3173P3V | VIA | D0120PA00X+054687Y+018994 |
| 3173P3V | VIA | D0120PA00X+053506Y+018994 |
| 3173P3V | VIA | D0120PA00X+048388Y+020569 |
| 3173P3V | VIA | D0120PA00X+053112Y+020569 |
| 3173P3V | VIA | D0120PA00X+051931Y+019388 |
| 3173P3V | VIA | D0120PA00X+051537Y+017813 |
| 3173P3V | VIA | D0120PA00X+050356Y+020569 |
| 3173P3V | VIA | D0120PA00X+050356Y+018600 |
| 3173P3V | VIA | D0120PA00X+047994Y+018994 |
| 3173P3V | VIA | D0120PA00X+049569Y+019388 |
| 3173P3V | VIA | D0120PA00X+047994Y+017813 |
| 3173P3V | VIA | D0120PA00X+049569Y+017813 |
| 3173P3V | VIA | D0120PA00X+070300Y+027700 |
| 3173P3V | VIA | D0120PA00X+033750Y+024500 |
| 3173P3V | VIA | D0120PA00X+033750Y+024000 |

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| 3173P3V | VIA | D0120PA00X+050356Y+023325 |
| 3173P3V | VIA | D0120PA00X+049963Y+025687 |
| 3173P3V | VIA | D0120PA00X+047600Y+022144 |
| 3173P3V | VIA | D0120PA00X+046813Y+022931 |
| 3173P3V | VIA | D0120PA00X+066000Y+015500 |
| 3173P3V | VIA | D0120PA00X+084500Y+018500 |
| 3173P3V | VIA | D0120PA00X+084500Y+020000 |
| 3173P3V | VIA | D0120PA00X+084500Y+020500 |
| 3173P3V | VIA | D0120PA00X+084500Y+021000 |
| 3173P3V | VIA | D0120PA00X- 001000Y+006000 |
| 3173P3V | VIA | D0120PA00X+090000Y+019000 |
| 3173P3V | VIA | D0120PA00X+084000Y+021500 |
| 3173P3V | VIA | D0120PA00X+084500Y+021500 |
| 3173P3V | VIA | D0120PA00X+084500Y+019000 |
| 3173P3V | VIA | D0120PA00X+085000Y+016500 |
| 3173P3V | VIA | D0120PA00X+086500Y+016500 |
| 3173P3V | VIA | D0120PA00X+088000Y+016500 |
| 3173P3V | VIA | D0120PA00X+088000Y+022000 |
| 3173P3V | VIA | D0120PA00X+086500Y+022000 |
| 3173P3V | VIA | D0120PA00X+085000Y+022000 |
| 3173P3V | VIA | D0120PA00X+089500Y+022000 |
| 3173P3V | VIA | D0120PA00X+086000Y+022000 |
| 3173P3V | VIA | D0120PA00X+087000Y+022000 |
| 3173P3V | VIA | D0120PA00X+058500Y+008500 |
| 3173P3V | VIA | D0120PA00X+084000Y+017000 |
| 3173P3V | VIA | D0120PA00X+084500Y+017000 |
| 3173P3V | VIA | D0120PA00X+089500Y+016500 |
| 3173P3V | VIA | D0120PA00X+084500Y+016500 |
| 3173P3V | VIA | D0120PA00X+084500Y+017500 |
| 3173P3V | VIA | D0120PA00X+084500Y+018000 |
| 3173P3V | VIA | D0120PA00X+092000Y+020500 |
| 3173P3V | VIA | D0120PA00X+088500Y+022000 |
| 3173P3V | VIA | D0120PA00X+089000Y+022000 |
| 3173P3V | VIA | D0120PA00X+090000Y+022000 |
| 3173P3V | VIA | D0120PA00X+090000Y+021000 |
| 3173P3V | VIA | D0120PA00X+090000Y+020500 |
| 3173P3V | VIA | D0120PA00X+090000Y+020000 |
| 3173P3V | VIA | D0120PA00X+085500Y+016500 |
| 3173P3V | VIA | D0120PA00X+086000Y+016500 |
| 3173P3V | VIA | D0120PA00X+087000Y+016500 |
| 3173P3V | VIA | D0120PA00X+088500Y+016500 |
| 3173P3V | VIA | D0120PA00X+089000Y+016500 |
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| 3173P3V | VIA | D0120PA00X+090000Y+016500 |
| 3173P3V | VIA | D0120PA00X+090000Y+017000 |
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| 3173P3V | VIA | D0120PA00X+097250Y+023250 |
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| 3173P3V | VIA | D0120PA00X+085500Y+022000 |
| 3173P3V | VIA | D0120PA00X+086000Y+024000 |
| 3173P3V | VIA | D0120PA00X+054500Y+026750 |
| 3173P3V | VIA | D0120PA00X+053500Y+026750 |
| 3173P3V | VIA | D0120PA00X+072750Y+030750 |
| 3173P3V | VIA | D0120PA00X+070300Y+028950 |
| 3173P3V | VIA | D0120PA00X+071200Y+029800 |
| 3173P3V | VIA | D0120PA00X+099500Y+020250 |

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| 3173P3V | VIA | D0120PA00X+047600Y+011150 |
| 3173P3V | VIA | D0120PA00X+048400Y+011150 |
| 3173P3V | VIA | D0120PA00X+047600Y+012100 |
| 3173P3V | VIA | D0120PA00X+047600Y+010850 |
| 3173P3V | VIA | D0120PA00X+048400Y+009850 |
| 3173P3V | VIA | D0120PA00X+047600Y+009900 |
| 3173P3V | VIA | D0120PA00X+031250Y+027750 |
| 3173P3V | VIA | D0120PA00X+045250Y+010250 |
| 3173P3V | VIA | D0120PA00X+070300Y+028550 |
| 3173P3V | VIA | D0120PA00X+047750Y+000500 |
| 3173P3V | VIA | D0120PA00X+098750Y+021750 |
| 3173P3V | VIA | D0120PA00X+046500Y+028250 |
| 3173P3V | VIA | D0120PA00X+049250Y+000500 |
| 3173P3V | VIA | D0120PA00X+048650Y+010400 |
| 3173P3V | VIA | D0120PA00X+048400Y+010850 |
| 3173P3V | VIA | D0120PA00X+052250Y+000500 |
| 3173P3V | VIA | D0120PA00X+000000Y+006000 |
| 3173P3V | VIA | D0120PA00X+000750Y+006250 |
| 3173P3V | VIA | D0120PA00X+037750Y+031500 |
| 3173P3V | VIA | D0120PA00X+025500Y+026750 |
| 3173P3V | VIA | D0120PA00X+026500Y+026500 |
| 3173P3V | VIA | D0120PA00X+043750Y+000500 |
| 3173P3V | VIA | D0120PA00X+047350Y+011650 |
| 3173P3V | VIA | D0120PA00X+047500Y+026750 |
| 3173P3V | VIA | D0120PA00X+000750Y+011500 |
| 3173P3V | VIA | D0120PA00X+001750Y+011500 |
| 3173P3V | VIA | D0120PA00X+042250Y+000500 |
| 3173P3V | VIA | D0120PA00X+032750Y+024500 |
| 3173P3V | VIA | D0120PA00X+033250Y+024250 |
| 3173P3V | VIA | D0120PA00X+032500Y+025000 |
| 3173P3V | VIA | D0120PA00X+097750Y+021750 |
| 3173P3V | VIA | D0120PA00X+083000Y+005000 |
| 3173P3V | VIA | D0120PA00X+028750Y+021100 |
| 3173P3V | VIA | D0120PA00X+034000Y+025000 |
| 3173P3V | VIA | D0120PA00X+031750Y+024000 |
| 3173P3V | VIA | D0120PA00X+048650Y+011650 |
| 3173P3V | VIA | D0120PA00X+028150Y+017600 |
| 3173P3V | VIA | D0120PA00X+032750Y+024000 |
| 3173P3V | VIA | D0120PA00X+047350Y+010400 |
| 3173P3V | VIA | D0120PA00X+023250Y+000500 |
| 3173P3V | VIA | D0120PA00X+021750Y+000500 |
| 3173P3V | VIA | D0120PA00X+033750Y+025550 |
| 3173P3V | VIA | D0120PA00X+026950Y+019000 |
| 3173P3V | VIA | D0120PA00X+017750Y+000500 |
| 3173P3V | VIA | D0120PA00X+016250Y+000500 |
| 3173P3V | VIA | D0120PA00X+005000Y+000500 |
| 3173P3V | VIA | D0120PA00X+046250Y+010250 |
| 3173P3V | VIA | D0120PA00X+032750Y+025550 |
| 3275P0V | C1 | - 1 A01X+090550Y+031750 |
| 3275P0V | F5 | - 2 A01X+092250Y+031750 |
| 3275P0V | C55 | - 1 A08X+091250Y+032090 |
| 3275P0V | C56 | - 1 A08X+090250Y+032090 |
| 3275P0V | C57 | - 1 A08X+089250Y+032090 |
| 3275P0V | U7 | - 4 A01X+095750Y+029750 |
| 3275P0V | C5 | - 1 A01X+092000Y+029480 |
| 3275P0V | C6 | - 1 A01X+093750Y+029480 |
| 3275P0V | C54 | - 1 A08X+092250Y+032090 |
| 3175P0V | VIA | D0120PA00X+090250Y+032750 |
| 3175P0V | VIA | D0120PA00X+089250Y+032750 |
| 3175P0V | VIA | D0120PA00X+092250Y+032750 |
| 3175P0V | VIA | D0120PA00X+091250Y+032750 |
| 32712P0V | U3 | - 4 A01X+040750Y+027500 |
| 32712P0V | C10 | - 1 A01X+043000Y+027230 |

| IPC | | | |
|-------------------|------|-------|----------------------------|
| 32712POV | F8 | - 1 | A01X+045750Y+029250 |
| 32725MHZ_ENET_CLK | U8 | - 154 | A01X+054884Y+023522 |
| 32725MHZ_ENET_CLK | U12 | - 70 | A01X+035933Y+018051 |
| 31725MHZ_ENET_CLK | VIA | | D0120PA00X+055376Y+019585 |
| 31725MHZ_ENET_CLK | VIA | | D0120PA00X+043600Y+018000 |
| 31725MHZ_ENET_CLK | VIA | | D0120PA00X+037000Y+018200 |
| 327ALARM_LED | D12 | - 2 | A01X+075350Y- 002204 |
| 327ALARM_LED | U8 | - 352 | A01X+054884Y+019978 |
| 317ALARM_LED | VIA | | D0120PA00X+073800Y+019250 |
| 317ALARM_LED | VIA | | D0120PA00X+076000Y- 002250 |
| 317ALARM_LED | VIA | | D0120PA00X+055081Y+019781 |
| 327ANALOG_PWR | F6 | - 1 | A01X+039500Y+031250 |
| 317ANALOG_PWR | J3 | - 42 | D0360PA00X+040248Y+032713 |
| 317ANALOG_PWR | J3 | - 41 | D0360PA00X+040248Y+033500 |
| 327BOARD_ID0 | R100 | - 1 | A08X+052000Y+016340 |
| 327BOARD_ID0 | U8 | - 413 | A01X+052915Y+018797 |
| 317BOARD_ID0 | VIA | | D0120PA00X+053112Y+018600 |
| 327BOARD_ID1 | R99 | - 1 | A08X+055000Y+016340 |
| 327BOARD_ID1 | U8 | - 436 | A01X+053309Y+018404 |
| 317BOARD_ID1 | VIA | | D0120PA00X+053506Y+018207 |
| 327BOARD_ID2 | R97 | - 1 | A08X+057000Y+016340 |
| 327BOARD_ID2 | U8 | - 461 | A01X+054490Y+018010 |
| 317BOARD_ID2 | VIA | | D0120PA00X+054687Y+017813 |
| 327BOARD_ID3 | R98 | - 1 | A08X+056000Y+016340 |
| 327BOARD_ID3 | U8 | - 483 | A01X+054490Y+017616 |
| 317BOARD_ID3 | VIA | | D0120PA00X+054687Y+017419 |
| 317BS_232_RXD | J3 | - 49 | D0360PA00X+043398Y+033500 |
| 327BS_232_RXD | U17 | - 7 | A01X+087000Y+003150 |
| 317BS_232_RXD | VIA | | D0120PA00X+073000Y+000500 |
| 317BS_232_RXD | VIA | | D0120PA00X+072300Y+031400 |
| 317BS_232_TXD | J3 | - 50 | D0360PA00X+043398Y+032713 |
| 327BS_232_TXD | U17 | - 8 | A01X+087500Y+003150 |
| 317BS_232_TXD | VIA | | D0120PA00X+072750Y+001750 |
| 317BS_232_TXD | VIA | | D0120PA00X+072100Y+030100 |
| 317BS_CSL | J3 | - 18 | D0360PA00X+030799Y+032713 |
| 327BS_CSL | U8 | - 118 | A01X+049372Y+023915 |
| 317BS_CSL | VIA | | D0120PA00X+034650Y+026650 |
| 317BS_CSL | VIA | | D0120PA00X+049175Y+024112 |
| 317BS_C_RDYL | J3 | - 36 | D0360PA00X+037886Y+032713 |
| 327BS_C_RDYL | U8 | - 25 | A01X+047404Y+025490 |
| 317BS_C_RDYL | VIA | | D0120PA00X+038450Y+026750 |
| 317BS_C_RDYL | VIA | | D0120PA00X+047207Y+025687 |
| 317BS_D_RDYL | J3 | - 31 | D0360PA00X+036311Y+033500 |
| 327BS_D_RDYL | U8 | - 117 | A01X+048978Y+023915 |
| 317BS_D_RDYL | VIA | | D0120PA00X+037750Y+025950 |
| 317BS_D_RDYL | VIA | | D0120PA00X+048781Y+024112 |
| 317BS_ERRL | J3 | - 32 | D0360PA00X+036311Y+032713 |
| 327BS_ERRL | U8 | - 3 | A01X+047404Y+025884 |
| 317BS_ERRL | VIA | | D0120PA00X+037450Y+026750 |
| 317BS_ERRL | VIA | | D0120PA00X+047207Y+026081 |
| 317BS_RESERVED | J3 | - 33 | D0360PA00X+037098Y+033500 |
| 327BS_RESERVED | U8 | - 94 | A01X+048585Y+024309 |
| 317BS_RESERVED | VIA | | D0120PA00X+038200Y+025950 |
| 317BS_RESERVED | VIA | | D0120PA00X+048388Y+024506 |
| 317BS_RSTL | J3 | - 39 | D0360PA00X+039461Y+033500 |
| 327BS_RSTL | U8 | - 95 | A01X+048978Y+024309 |
| 317BS_RSTL | VIA | | D0120PA00X+038750Y+025950 |
| 317BS_RSTL | VIA | | D0120PA00X+048781Y+024506 |
| 317BS_R_WL | J3 | - 17 | D0360PA00X+030799Y+033500 |
| 327BS_R_WL | U8 | - 24 | A01X+047010Y+025490 |
| 317BS_R_WL | VIA | | D0120PA00X+035050Y+026650 |
| 317BS_R_WL | VIA | | D0120PA00X+046813Y+025687 |
| 327BS_TTL_RXD | U17 | - 9 | A01X+087500Y+005350 |

| IPC | | | |
|------------------|-----|-------|---------------------------|
| 327BS_TTL_RXD | U8 | - 282 | A01X+053309Y+021159 |
| 317BS_TTL_RXD | VIA | | D0120PA00X+076500Y+006500 |
| 317BS_TTL_RXD | VIA | | D0120PA00X+075900Y+018850 |
| 317BS_TTL_RXD | VIA | | D0120PA00X+053506Y+020963 |
| 327BS_TTL_TXD | U17 | - 10 | A01X+087000Y+005350 |
| 327BS_TTL_TXD | U8 | - 242 | A01X+054884Y+021947 |
| 317BS_TTL_TXD | VIA | | D0120PA00X+071900Y+022250 |
| 317BS_TTL_TXD | VIA | | D0120PA00X+055081Y+022144 |
| 317BS_TTL_TXD | VIA | | D0120PA00X+072500Y+006250 |
| 327CONSOLE_LED | D11 | - 2 | A01X+075400Y+001126 |
| 327CONSOLE_LED | U8 | - 371 | A01X+053703Y+019585 |
| 317CONSOLE_LED | VIA | | D0120PA00X+076000Y+001250 |
| 317CONSOLE_LED | VIA | | D0120PA00X+074900Y+018850 |
| 317CONSOLE_LED | VIA | | D0120PA00X+053900Y+019388 |
| 327CPU_50MHZ_CLK | R2 | - 2 | A01X+079550Y+017410 |
| 327CPU_50MHZ_CLK | U11 | - 228 | A01X+083250Y+017750 |
| 327CPU_50MHZ_CLK | U8 | - 386 | A01X+050947Y+019191 |
| 317CPU_50MHZ_CLK | VIA | | D0120PA00X+074000Y+018750 |
| 317CPU_50MHZ_CLK | VIA | | D0120PA00X+051144Y+018994 |
| 327CPU_A8 | U10 | - 23 | A01X+068533Y+020553 |
| 327CPU_A8 | U11 | - 70 | A01X+089750Y+022250 |
| 317CPU_A8 | VIA | | D0120PA00X+080650Y+018900 |
| 317CPU_A8 | VIA | | D0120PA00X+090000Y+022500 |
| 317CPU_A8 | VIA | | D0120PA00X+080650Y+020750 |
| 317CPU_A8 | VIA | | D0120PA00X+067750Y+020750 |
| 327CPU_A9 | U10 | - 22 | A01X+068533Y+020750 |
| 327CPU_A9 | U11 | - 51 | A01X+089750Y+022750 |
| 317CPU_A9 | VIA | | D0120PA00X+069250Y+020750 |
| 317CPU_A9 | VIA | | D0120PA00X+080350Y+020750 |
| 317CPU_A9 | VIA | | D0120PA00X+080350Y+018850 |
| 317CPU_A9 | VIA | | D0120PA00X+090000Y+023000 |
| 327CPU_A10 | U9 | - 10 | A01X+063758Y+016911 |
| 327CPU_A10 | U11 | - 32 | A01X+089750Y+023250 |
| 317CPU_A10 | VIA | | D0120PA00X+064000Y+019500 |
| 317CPU_A10 | VIA | | D0120PA00X+090000Y+023500 |
| 327CPU_A11 | U9 | - 9 | A01X+063561Y+016911 |
| 327CPU_A11 | U11 | - 14 | A01X+089750Y+023750 |
| 317CPU_A11 | VIA | | D0120PA00X+064000Y+020000 |
| 317CPU_A11 | VIA | | D0120PA00X+090000Y+024000 |
| 327CPU_A12 | U9 | - 16 | A01X+064939Y+016911 |
| 327CPU_A12 | U8 | - 184 | A01X+049372Y+022734 |
| 327CPU_A12 | U11 | - 50 | A01X+089250Y+022750 |
| 317CPU_A12 | VIA | | D0120PA00X+089300Y+024500 |
| 317CPU_A12 | VIA | | D0120PA00X+089500Y+023000 |
| 317CPU_A12 | VIA | | D0120PA00X+065100Y+022750 |
| 317CPU_A12 | VIA | | D0120PA00X+049175Y+022931 |
| 327CPU_A13 | U9 | - 17 | A01X+065136Y+016911 |
| 327CPU_A13 | U8 | - 314 | A01X+048585Y+020372 |
| 327CPU_A13 | U11 | - 31 | A01X+089250Y+023250 |
| 317CPU_A13 | VIA | | D0120PA00X+069950Y+017500 |
| 317CPU_A13 | VIA | | D0120PA00X+071900Y+025000 |
| 317CPU_A13 | VIA | | D0120PA00X+089700Y+025000 |
| 317CPU_A13 | VIA | | D0120PA00X+089500Y+023500 |
| 317CPU_A13 | VIA | | D0120PA00X+065100Y+017500 |
| 317CPU_A13 | VIA | | D0120PA00X+048388Y+020175 |
| 327CPU_A14 | U9 | - 48 | A01X+061986Y+024589 |
| 327CPU_A14 | U8 | - 161 | A01X+048978Y+023128 |
| 327CPU_A14 | U11 | - 13 | A01X+089250Y+023750 |
| 317CPU_A14 | VIA | | D0120PA00X+061650Y+023250 |
| 317CPU_A14 | VIA | | D0120PA00X+089500Y+024000 |
| 317CPU_A14 | VIA | | D0120PA00X+048781Y+023325 |
| 327CPU_A15 | U9 | - 1 | A01X+061986Y+016911 |
| 327CPU_A15 | U8 | - 162 | A01X+049372Y+023128 |

| IPC | | | |
|------------|-----|-------|---------------------------|
| 327CPU_A15 | U11 | - 67 | A01X+088250Y+022250 |
| 317CPU_A15 | VIA | | D0120PA00X+088700Y+024550 |
| 317CPU_A15 | VIA | | D0120PA00X+088500Y+022500 |
| 317CPU_A15 | VIA | | D0120PA00X+062000Y+023250 |
| 317CPU_A15 | VIA | | D0120PA00X+049175Y+023325 |
| 327CPU_A16 | U9 | - 2 | A01X+062183Y+016911 |
| 327CPU_A16 | U8 | - 206 | A01X+049372Y+022341 |
| 327CPU_A16 | U11 | - 49 | A01X+088750Y+022750 |
| 317CPU_A16 | VIA | | D0120PA00X+061750Y+022750 |
| 317CPU_A16 | VIA | | D0120PA00X+089000Y+023000 |
| 317CPU_A16 | VIA | | D0120PA00X+049175Y+022537 |
| 327CPU_A17 | U9 | - 3 | A01X+062380Y+016911 |
| 327CPU_A17 | U8 | - 183 | A01X+048978Y+022734 |
| 327CPU_A17 | U11 | - 30 | A01X+088750Y+023250 |
| 317CPU_A17 | VIA | | D0120PA00X+089000Y+023500 |
| 317CPU_A17 | VIA | | D0120PA00X+089000Y+025000 |
| 317CPU_A17 | VIA | | D0120PA00X+061650Y+023750 |
| 317CPU_A17 | VIA | | D0120PA00X+048781Y+022931 |
| 327CPU_A18 | U10 | - 21 | A01X+068533Y+020947 |
| 327CPU_A18 | U9 | - 4 | A01X+062577Y+016911 |
| 327CPU_A18 | U8 | - 228 | A01X+049372Y+021947 |
| 327CPU_A18 | U11 | - 64 | A01X+086750Y+022250 |
| 317CPU_A18 | VIA | | D0120PA00X+049175Y+022144 |
| 317CPU_A18 | VIA | | D0120PA00X+062050Y+021950 |
| 317CPU_A18 | VIA | | D0120PA00X+066050Y+021750 |
| 317CPU_A18 | VIA | | D0120PA00X+062500Y+017500 |
| 317CPU_A18 | VIA | | D0120PA00X+070250Y+021250 |
| 317CPU_A18 | VIA | | D0120PA00X+086500Y+022500 |
| 327CPU_A19 | U9 | - 5 | A01X+062774Y+016911 |
| 327CPU_A19 | U8 | - 205 | A01X+048978Y+022341 |
| 327CPU_A19 | U11 | - 66 | A01X+087750Y+022250 |
| 317CPU_A19 | VIA | | D0120PA00X+048781Y+022537 |
| 317CPU_A19 | VIA | | D0120PA00X+062250Y+021600 |
| 317CPU_A19 | VIA | | D0120PA00X+088000Y+022500 |
| 317CPU_A19 | VIA | | D0120PA00X+062500Y+018000 |
| 327CPU_A20 | U10 | - 66 | A01X+072967Y+020947 |
| 327CPU_A20 | U9 | - 6 | A01X+062970Y+016911 |
| 317CPU_A20 | J3 | - 30 | D0360PA00X+035524Y+032713 |
| 327CPU_A20 | U8 | - 250 | A01X+049372Y+021553 |
| 327CPU_A20 | U11 | - 48 | A01X+088250Y+022750 |
| 317CPU_A20 | VIA | | D0120PA00X+071750Y+020950 |
| 317CPU_A20 | VIA | | D0120PA00X+088500Y+023000 |
| 317CPU_A20 | VIA | | D0120PA00X+063250Y+021000 |
| 317CPU_A20 | VIA | | D0120PA00X+049175Y+021356 |
| 317CPU_A20 | VIA | | D0120PA00X+039750Y+023250 |
| 317CPU_A21 | J2 | - 29 | D0360PA00X+083114Y+034295 |
| 327CPU_A21 | U9 | - 7 | A01X+063167Y+016911 |
| 317CPU_A21 | J3 | - 29 | D0360PA00X+035524Y+033500 |
| 327CPU_A21 | U8 | - 227 | A01X+048978Y+021947 |
| 327CPU_A21 | U11 | - 29 | A01X+088250Y+023250 |
| 327CPU_A21 | U10 | - 65 | A01X+072967Y+020750 |
| 317CPU_A21 | VIA | | D0120PA00X+072250Y+021350 |
| 317CPU_A21 | VIA | | D0120PA00X+088500Y+023500 |
| 317CPU_A21 | VIA | | D0120PA00X+087750Y+031000 |
| 317CPU_A21 | VIA | | D0120PA00X+062900Y+021100 |
| 317CPU_A21 | VIA | | D0120PA00X+072250Y+020750 |
| 317CPU_A21 | VIA | | D0120PA00X+063200Y+019500 |
| 317CPU_A21 | VIA | | D0120PA00X+048781Y+022144 |
| 317CPU_A21 | VIA | | D0120PA00X+037350Y+025950 |
| 327CPU_A22 | U9 | - 8 | A01X+063364Y+016911 |
| 317CPU_A22 | J2 | - 28 | D0360PA00X+083902Y+033508 |
| 327CPU_A22 | U10 | - 64 | A01X+072967Y+020553 |
| 317CPU_A22 | J3 | - 28 | D0360PA00X+034736Y+032713 |

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|------------|-----|-------|---------------------------|
| 327CPU_A22 | U8 | - 248 | A01X+048585Y+021553 |
| 327CPU_A22 | U11 | - 27 | A01X+087250Y+023250 |
| 317CPU_A22 | VIA | | D0120PA00X+063250Y+021400 |
| 317CPU_A22 | VIA | | D0120PA00X+086450Y+033000 |
| 317CPU_A22 | VIA | | D0120PA00X+087000Y+023500 |
| 317CPU_A22 | VIA | | D0120PA00X+071850Y+020250 |
| 317CPU_A22 | VIA | | D0120PA00X+071550Y+021750 |
| 317CPU_A22 | VIA | | D0120PA00X+048388Y+021356 |
| 317CPU_A22 | VIA | | D0120PA00X+038900Y+023250 |
| 317CPU_A23 | J2 | - 27 | D0360PA00X+083902Y+034295 |
| 327CPU_A23 | U11 | - 28 | A01X+087750Y+023250 |
| 327CPU_A23 | U9 | - 18 | A01X+065333Y+016911 |
| 317CPU_A23 | J3 | - 27 | D0360PA00X+034736Y+033500 |
| 327CPU_A23 | U10 | - 63 | A01X+072967Y+020356 |
| 327CPU_A23 | U8 | - 249 | A01X+048978Y+021553 |
| 317CPU_A23 | VIA | | D0120PA00X+087250Y+031250 |
| 317CPU_A23 | VIA | | D0120PA00X+072250Y+020250 |
| 317CPU_A23 | VIA | | D0120PA00X+088000Y+023500 |
| 317CPU_A23 | VIA | | D0120PA00X+071900Y+021750 |
| 317CPU_A23 | VIA | | D0120PA00X+065100Y+021350 |
| 317CPU_A23 | VIA | | D0120PA00X+048781Y+021356 |
| 317CPU_A23 | VIA | | D0120PA00X+039350Y+023250 |
| 317CPU_A24 | J2 | - 26 | D0360PA00X+084689Y+033508 |
| 327CPU_A24 | U11 | - 47 | A01X+087750Y+022750 |
| 327CPU_A24 | U10 | - 62 | A01X+072967Y+020159 |
| 327CPU_A24 | U9 | - 19 | A01X+065530Y+016911 |
| 317CPU_A24 | J3 | - 26 | D0360PA00X+033949Y+032713 |
| 327CPU_A24 | U8 | - 273 | A01X+049766Y+021159 |
| 317CPU_A24 | VIA | | D0120PA00X+086750Y+031500 |
| 317CPU_A24 | VIA | | D0120PA00X+065500Y+021000 |
| 317CPU_A24 | VIA | | D0120PA00X+073500Y+020250 |
| 317CPU_A24 | VIA | | D0120PA00X+088000Y+023000 |
| 317CPU_A24 | VIA | | D0120PA00X+049569Y+020963 |
| 317CPU_A24 | VIA | | D0120PA00X+038100Y+023250 |
| 317CPU_A25 | J2 | - 25 | D0360PA00X+084689Y+034295 |
| 327CPU_A25 | U10 | - 61 | A01X+072967Y+019963 |
| 327CPU_A25 | U9 | - 20 | A01X+065726Y+016911 |
| 317CPU_A25 | J3 | - 25 | D0360PA00X+033949Y+033500 |
| 327CPU_A25 | U8 | - 272 | A01X+049372Y+021159 |
| 327CPU_A25 | U11 | - 65 | A01X+087250Y+022250 |
| 317CPU_A25 | VIA | | D0120PA00X+087000Y+022500 |
| 317CPU_A25 | VIA | | D0120PA00X+065750Y+020300 |
| 317CPU_A25 | VIA | | D0120PA00X+071500Y+020250 |
| 317CPU_A25 | VIA | | D0120PA00X+081550Y+020350 |
| 317CPU_A25 | VIA | | D0120PA00X+049175Y+020963 |
| 317CPU_A25 | VIA | | D0120PA00X+038500Y+023250 |
| 317CPU_A26 | J2 | - 24 | D0360PA00X+085476Y+033508 |
| 327CPU_A26 | U10 | - 60 | A01X+072967Y+019766 |
| 327CPU_A26 | U9 | - 21 | A01X+065923Y+016911 |
| 317CPU_A26 | J3 | - 24 | D0360PA00X+033161Y+032713 |
| 327CPU_A26 | U8 | - 269 | A01X+048191Y+021159 |
| 327CPU_A26 | U11 | - 46 | A01X+087250Y+022750 |
| 317CPU_A26 | VIA | | D0120PA00X+087000Y+023000 |
| 317CPU_A26 | VIA | | D0120PA00X+080400Y+022000 |
| 317CPU_A26 | VIA | | D0120PA00X+080400Y+021250 |
| 317CPU_A26 | VIA | | D0120PA00X+073850Y+020650 |
| 317CPU_A26 | VIA | | D0120PA00X+066050Y+020800 |
| 317CPU_A26 | VIA | | D0120PA00X+047994Y+020963 |
| 317CPU_A26 | VIA | | D0120PA00X+037050Y+023250 |
| 317CPU_A27 | J2 | - 23 | D0360PA00X+085476Y+034295 |
| 327CPU_A27 | U9 | - 22 | A01X+066120Y+016911 |
| 317CPU_A27 | J3 | - 23 | D0360PA00X+033161Y+033500 |
| 327CPU_A27 | U8 | - 270 | A01X+048585Y+021159 |

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|--------------|-----|-------|---------------------------|
| 327CPU_A27 | U11 | - 12 | A01X+088750Y+023750 |
| 327CPU_A27 | U10 | - 27 | A01X+068533Y+019766 |
| 317CPU_A27 | VIA | | D0120PA00X+088800Y+031500 |
| 317CPU_A27 | VIA | | D0120PA00X+069250Y+019750 |
| 317CPU_A27 | VIA | | D0120PA00X+089000Y+024000 |
| 317CPU_A27 | VIA | | D0120PA00X+066250Y+019800 |
| 317CPU_A27 | VIA | | D0120PA00X+056800Y+020000 |
| 317CPU_A27 | VIA | | D0120PA00X+048388Y+020963 |
| 317CPU_A27 | VIA | | D0120PA00X+037450Y+023250 |
| 317CPU_A28 | J2 | - 22 | D0360PA00X+086264Y+033508 |
| 327CPU_A28 | U9 | - 23 | A01X+066317Y+016911 |
| 327CPU_A28 | U10 | - 26 | A01X+068533Y+019963 |
| 317CPU_A28 | J3 | - 22 | D0360PA00X+032374Y+032713 |
| 327CPU_A28 | U8 | - 294 | A01X+049372Y+020766 |
| 327CPU_A28 | U11 | - 9 | A01X+087250Y+023750 |
| 317CPU_A28 | VIA | | D0120PA00X+056400Y+019500 |
| 317CPU_A28 | VIA | | D0120PA00X+049175Y+020569 |
| 317CPU_A28 | VIA | | D0120PA00X+087000Y+024000 |
| 317CPU_A28 | VIA | | D0120PA00X+081950Y+023700 |
| 317CPU_A28 | VIA | | D0120PA00X+081850Y+018500 |
| 317CPU_A28 | VIA | | D0120PA00X+066500Y+019300 |
| 317CPU_A28 | VIA | | D0120PA00X+036250Y+023250 |
| 317CPU_A29 | J2 | - 21 | D0360PA00X+086264Y+034295 |
| 327CPU_A29 | U10 | - 25 | A01X+068533Y+020159 |
| 327CPU_A29 | U9 | - 24 | A01X+066514Y+016911 |
| 317CPU_A29 | J3 | - 21 | D0360PA00X+032374Y+033500 |
| 327CPU_A29 | U8 | - 271 | A01X+048978Y+021159 |
| 327CPU_A29 | U11 | - 11 | A01X+088250Y+023750 |
| 317CPU_A29 | VIA | | D0120PA00X+069600Y+018000 |
| 317CPU_A29 | VIA | | D0120PA00X+069250Y+020250 |
| 317CPU_A29 | VIA | | D0120PA00X+067250Y+018000 |
| 317CPU_A29 | VIA | | D0120PA00X+088500Y+032500 |
| 317CPU_A29 | VIA | | D0120PA00X+088500Y+024000 |
| 317CPU_A29 | VIA | | D0120PA00X+048781Y+020963 |
| 317CPU_A29 | VIA | | D0120PA00X+036700Y+023250 |
| 317CPU_A30 | J2 | - 20 | D0360PA00X+087051Y+033508 |
| 327CPU_A30 | U11 | - 10 | A01X+087750Y+023750 |
| 327CPU_A30 | U9 | - 25 | A01X+066514Y+024589 |
| 317CPU_A30 | J3 | - 20 | D0360PA00X+031587Y+032713 |
| 327CPU_A30 | U8 | - 316 | A01X+049372Y+020372 |
| 317CPU_A30 | VIA | | D0120PA00X+064900Y+018000 |
| 317CPU_A30 | VIA | | D0120PA00X+088000Y+033000 |
| 317CPU_A30 | VIA | | D0120PA00X+087750Y+024500 |
| 317CPU_A30 | VIA | | D0120PA00X+066000Y+022750 |
| 317CPU_A30 | VIA | | D0120PA00X+049175Y+020175 |
| 317CPU_A30 | VIA | | D0120PA00X+035950Y+023700 |
| 317CPU_A31 | J3 | - 19 | D0360PA00X+031587Y+033500 |
| 317CPU_A31 | J2 | - 19 | D0360PA00X+087051Y+034295 |
| 327CPU_A31 | U11 | - 8 | A01X+086750Y+023750 |
| 317CPU_A31 | VIA | | D0120PA00X+047400Y+032300 |
| 317CPU_A31 | VIA | | D0120PA00X+086500Y+024000 |
| 327CPU_BS_L0 | U10 | - 16 | A01X+068533Y+021931 |
| 327CPU_BS_L0 | U11 | - 63 | A01X+086250Y+022250 |
| 317CPU_BS_L0 | VIA | | D0120PA00X+085750Y+024500 |
| 317CPU_BS_L0 | VIA | | D0120PA00X+086000Y+022500 |
| 317CPU_BS_L0 | VIA | | D0120PA00X+069750Y+022250 |
| 327CPU_BS_L1 | U10 | - 71 | A01X+072967Y+021931 |
| 327CPU_BS_L1 | U11 | - 44 | A01X+086250Y+022750 |
| 317CPU_BS_L1 | VIA | | D0120PA00X+086000Y+023000 |
| 317CPU_BS_L1 | VIA | | D0120PA00X+072250Y+021750 |
| 327CPU_BS_L2 | U10 | - 28 | A01X+068533Y+019569 |
| 327CPU_BS_L2 | U11 | - 6 | A01X+085750Y+023750 |
| 317CPU_BS_L2 | VIA | | D0120PA00X+081650Y+023700 |

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| 317CPU_BS_L2 | VIA | | D0120PA00X+085500Y+024000 |
| 317CPU_BS_L2 | VIA | | D0120PA00X+081850Y+019000 |
| 317CPU_BS_L2 | VIA | | D0120PA00X+070250Y+019750 |
| 327CPU_BS_L3 | U10 | - 59 | A01X+072967Y+019569 |
| 327CPU_BS_L3 | U11 | - 25 | A01X+086250Y+023250 |
| 317CPU_BS_L3 | VIA | | D0120PA00X+080800Y+022250 |
| 317CPU_BS_L3 | VIA | | D0120PA00X+086000Y+023500 |
| 317CPU_BS_L3 | VIA | | D0120PA00X+081600Y+020750 |
| 317CPU_BS_L3 | VIA | | D0120PA00X+074200Y+020650 |
| 327CPU_CLKOUT | U10 | - 68 | A01X+072967Y+021341 |
| 327CPU_CLKOUT | R6 | - 2 | A01X+083250Y+010910 |
| 317CPU_CLKOUT | VIA | | D0120PA00X+073500Y+021250 |
| 317CPU_CLKOUT | VIA | | D0120PA00X+074000Y+011250 |
| 327CPU_CONN_CS_L | U11 | - 3 | A01X+084250Y+023750 |
| 327CPU_CONN_CS_L | R43 | - 2 | A08X+083500Y+025910 |
| 317CPU_CONN_CS_L | VIA | | D0120PA00X+083500Y+025500 |
| 327CPU_DO | U10 | - 2 | A01X+068533Y+024687 |
| 317CPU_DO | J1 | - 16 | D0360PA00X+076815Y+033508 |
| 327CPU_DO | U9 | - 29 | A01X+065726Y+024589 |
| 317CPU_DO | J3 | - 16 | D0360PA00X+030012Y+032713 |
| 327CPU_DO | U8 | - 155 | A01X+046616Y+023128 |
| 327CPU_DO | U11 | - 353 | A01X+089250Y+014750 |
| 317CPU_DO | VIA | | D0120PA00X+067750Y+026250 |
| 317CPU_DO | VIA | | D0120PA00X+090400Y+026400 |
| 317CPU_DO | VIA | | D0120PA00X+089500Y+014500 |
| 317CPU_DO | VIA | | D0120PA00X+076800Y+025750 |
| 317CPU_DO | VIA | | D0120PA00X+065750Y+026250 |
| 317CPU_DO | VIA | | D0120PA00X+046419Y+023325 |
| 317CPU_D1 | J1 | - 15 | D0360PA00X+076815Y+034295 |
| 327CPU_D1 | U10 | - 4 | A01X+068533Y+024293 |
| 327CPU_D1 | U9 | - 31 | A01X+065333Y+024589 |
| 317CPU_D1 | J3 | - 15 | D0360PA00X+030012Y+033500 |
| 327CPU_D1 | U8 | - 156 | A01X+047010Y+023128 |
| 327CPU_D1 | U11 | - 351 | A01X+088250Y+014750 |
| 317CPU_D1 | VIA | | D0120PA00X+087050Y+026400 |
| 317CPU_D1 | VIA | | D0120PA00X+088500Y+014500 |
| 317CPU_D1 | VIA | | D0120PA00X+077200Y+025850 |
| 317CPU_D1 | VIA | | D0120PA00X+067250Y+026450 |
| 317CPU_D1 | VIA | | D0120PA00X+065350Y+026450 |
| 317CPU_D1 | VIA | | D0120PA00X+046813Y+023325 |
| 317CPU_D1 | VIA | | D0120PA00X+067250Y+024500 |
| 317CPU_D1 | VIA | | D0120PA00X+034550Y+025550 |
| 317CPU_D2 | J1 | - 14 | D0360PA00X+077602Y+033508 |
| 327CPU_D2 | U9 | - 33 | A01X+064939Y+024589 |
| 317CPU_D2 | J3 | - 14 | D0360PA00X+029224Y+032713 |
| 327CPU_D2 | U10 | - 5 | A01X+068533Y+024096 |
| 327CPU_D2 | U8 | - 177 | A01X+046616Y+022734 |
| 327CPU_D2 | U11 | - 350 | A01X+087750Y+014750 |
| 317CPU_D2 | VIA | | D0120PA00X+086550Y+026500 |
| 317CPU_D2 | VIA | | D0120PA00X+088000Y+014500 |
| 317CPU_D2 | VIA | | D0120PA00X+077600Y+025950 |
| 317CPU_D2 | VIA | | D0120PA00X+067250Y+023750 |
| 317CPU_D2 | VIA | | D0120PA00X+067950Y+026650 |
| 317CPU_D2 | VIA | | D0120PA00X+064750Y+023750 |
| 317CPU_D2 | VIA | | D0120PA00X+046419Y+022931 |
| 317CPU_D3 | J1 | - 13 | D0360PA00X+077602Y+034295 |
| 317CPU_D3 | J3 | - 13 | D0360PA00X+029224Y+033500 |
| 327CPU_D3 | U10 | - 7 | A01X+068533Y+023703 |
| 327CPU_D3 | U9 | - 35 | A01X+064545Y+024589 |
| 327CPU_D3 | U8 | - 179 | A01X+047404Y+022734 |
| 327CPU_D3 | U11 | - 349 | A01X+087250Y+014750 |
| 317CPU_D3 | VIA | | D0120PA00X+074500Y+033000 |
| 317CPU_D3 | VIA | | D0120PA00X+074650Y+027000 |

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|-----------|-----|-------|---------------------------|
| 317CPU_D3 | VIA | | D0120PA00X+084200Y+027000 |
| 317CPU_D3 | VIA | | D0120PA00X+087000Y+014500 |
| 317CPU_D3 | VIA | | D0120PA00X+074650Y+023750 |
| 317CPU_D3 | VIA | | D0120PA00X+067750Y+023750 |
| 317CPU_D3 | VIA | | D0120PA00X+064250Y+023250 |
| 317CPU_D3 | VIA | | D0120PA00X+047207Y+022931 |
| 317CPU_D3 | VIA | | D0120PA00X+032050Y+025000 |
| 317CPU_D4 | J1 | - 12 | D0360PA00X+078390Y+033508 |
| 327CPU_D4 | U10 | - 8 | A01X+068533Y+023506 |
| 317CPU_D4 | J3 | - 12 | D0360PA00X+028437Y+032713 |
| 327CPU_D4 | U9 | - 38 | A01X+063955Y+024589 |
| 327CPU_D4 | U8 | - 202 | A01X+047797Y+022341 |
| 327CPU_D4 | U11 | - 352 | A01X+088750Y+014750 |
| 317CPU_D4 | VIA | | D0120PA00X+086550Y+030750 |
| 317CPU_D4 | VIA | | D0120PA00X+089000Y+014500 |
| 317CPU_D4 | VIA | | D0120PA00X+075250Y+032750 |
| 317CPU_D4 | VIA | | D0120PA00X+074650Y+022750 |
| 317CPU_D4 | VIA | | D0120PA00X+067250Y+022300 |
| 317CPU_D4 | VIA | | D0120PA00X+064250Y+022750 |
| 317CPU_D4 | VIA | | D0120PA00X+067250Y+023250 |
| 317CPU_D4 | VIA | | D0120PA00X+047600Y+022537 |
| 317CPU_D4 | VIA | | D0120PA00X+030250Y+025750 |
| 317CPU_D5 | J1 | - 11 | D0360PA00X+078390Y+034295 |
| 327CPU_D5 | U10 | - 10 | A01X+068533Y+023112 |
| 317CPU_D5 | J3 | - 11 | D0360PA00X+028437Y+033500 |
| 327CPU_D5 | U9 | - 40 | A01X+063561Y+024589 |
| 327CPU_D5 | U8 | - 203 | A01X+048191Y+022341 |
| 327CPU_D5 | U11 | - 348 | A01X+086750Y+014750 |
| 317CPU_D5 | VIA | | D0120PA00X+086500Y+014500 |
| 317CPU_D5 | VIA | | D0120PA00X+075300Y+023000 |
| 317CPU_D5 | VIA | | D0120PA00X+067750Y+022300 |
| 317CPU_D5 | VIA | | D0120PA00X+063500Y+022250 |
| 317CPU_D5 | VIA | | D0120PA00X+063500Y+023750 |
| 317CPU_D5 | VIA | | D0120PA00X+067750Y+023250 |
| 317CPU_D5 | VIA | | D0120PA00X+047994Y+022537 |
| 317CPU_D5 | VIA | | D0120PA00X+031550Y+025750 |
| 317CPU_D6 | J1 | - 10 | D0360PA00X+079177Y+033508 |
| 327CPU_D6 | U9 | - 42 | A01X+063167Y+024589 |
| 317CPU_D6 | J3 | - 10 | D0360PA00X+027650Y+032713 |
| 327CPU_D6 | U10 | - 11 | A01X+068533Y+022915 |
| 327CPU_D6 | U8 | - 200 | A01X+047010Y+022341 |
| 327CPU_D6 | U11 | - 346 | A01X+085750Y+014750 |
| 317CPU_D6 | VIA | | D0120PA00X+078850Y+026150 |
| 317CPU_D6 | VIA | | D0120PA00X+083150Y+027000 |
| 317CPU_D6 | VIA | | D0120PA00X+085500Y+014500 |
| 317CPU_D6 | VIA | | D0120PA00X+067750Y+022750 |
| 317CPU_D6 | VIA | | D0120PA00X+068150Y+026900 |
| 317CPU_D6 | VIA | | D0120PA00X+066350Y+022750 |
| 317CPU_D6 | VIA | | D0120PA00X+065400Y+023750 |
| 317CPU_D6 | VIA | | D0120PA00X+063000Y+023250 |
| 317CPU_D6 | VIA | | D0120PA00X+046813Y+022537 |
| 317CPU_D6 | VIA | | D0120PA00X+029650Y+025000 |
| 327CPU_D7 | U11 | - 345 | A01X+085250Y+014750 |
| 317CPU_D7 | J1 | - 9 | D0360PA00X+079177Y+034295 |
| 317CPU_D7 | J3 | - 9 | D0360PA00X+027650Y+033500 |
| 327CPU_D7 | U10 | - 13 | A01X+068533Y+022522 |
| 327CPU_D7 | U9 | - 44 | A01X+062774Y+024589 |
| 327CPU_D7 | U8 | - 201 | A01X+047404Y+022341 |
| 317CPU_D7 | VIA | | D0120PA00X+085000Y+013500 |
| 317CPU_D7 | VIA | | D0120PA00X+072300Y+012750 |
| 317CPU_D7 | VIA | | D0120PA00X+071900Y+022750 |
| 317CPU_D7 | VIA | | D0120PA00X+074750Y+032500 |
| 317CPU_D7 | VIA | | D0120PA00X+074650Y+023250 |

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|------------|-----|-------|---------------------------|
| 317CPU_D7 | VIA | | D0120PA00X+067250Y+022750 |
| 317CPU_D7 | VIA | | D0120PA00X+063000Y+022750 |
| 317CPU_D7 | VIA | | D0120PA00X+047207Y+022537 |
| 317CPU_D7 | VIA | | D0120PA00X+030250Y+025350 |
| 317CPU_D8 | J1 | - 8 | D0360PA00X+079965Y+033508 |
| 327CPU_D8 | U9 | - 30 | A01X+065530Y+024589 |
| 317CPU_D8 | J3 | - 8 | D0360PA00X+026862Y+032713 |
| 327CPU_D8 | U10 | - 74 | A01X+072967Y+022522 |
| 327CPU_D8 | U8 | - 223 | A01X+047404Y+021947 |
| 327CPU_D8 | U11 | - 315 | A01X+088750Y+015750 |
| 317CPU_D8 | VIA | | D0120PA00X+074250Y+032250 |
| 317CPU_D8 | VIA | | D0120PA00X+074400Y+027200 |
| 317CPU_D8 | VIA | | D0120PA00X+090200Y+028200 |
| 317CPU_D8 | VIA | | D0120PA00X+089000Y+015500 |
| 317CPU_D8 | VIA | | D0120PA00X+074000Y+022750 |
| 317CPU_D8 | VIA | | D0120PA00X+065600Y+027300 |
| 317CPU_D8 | VIA | | D0120PA00X+047207Y+022144 |
| 317CPU_D8 | VIA | | D0120PA00X+029300Y+024500 |
| 317CPU_D9 | J1 | - 7 | D0360PA00X+079965Y+034295 |
| 327CPU_D9 | U10 | - 76 | A01X+072967Y+022915 |
| 327CPU_D9 | U9 | - 32 | A01X+065136Y+024589 |
| 317CPU_D9 | J3 | - 7 | D0360PA00X+026862Y+033500 |
| 327CPU_D9 | U8 | - 225 | A01X+048191Y+021947 |
| 327CPU_D9 | U11 | - 294 | A01X+087750Y+016250 |
| 317CPU_D9 | VIA | | D0120PA00X+086950Y+028600 |
| 317CPU_D9 | VIA | | D0120PA00X+088000Y+016000 |
| 317CPU_D9 | VIA | | D0120PA00X+073800Y+027950 |
| 317CPU_D9 | VIA | | D0120PA00X+072950Y+031600 |
| 317CPU_D9 | VIA | | D0120PA00X+073500Y+022750 |
| 317CPU_D9 | VIA | | D0120PA00X+065250Y+027750 |
| 317CPU_D9 | VIA | | D0120PA00X+047994Y+022144 |
| 317CPU_D9 | VIA | | D0120PA00X+029650Y+024500 |
| 317CPU_D10 | J1 | - 6 | D0360PA00X+080752Y+033508 |
| 327CPU_D10 | U9 | - 34 | A01X+064742Y+024589 |
| 317CPU_D10 | J3 | - 6 | D0360PA00X+026075Y+032713 |
| 327CPU_D10 | U10 | - 77 | A01X+072967Y+023112 |
| 327CPU_D10 | U8 | - 221 | A01X+046616Y+021947 |
| 327CPU_D10 | U11 | - 332 | A01X+087750Y+015250 |
| 317CPU_D10 | VIA | | D0120PA00X+081450Y+027650 |
| 317CPU_D10 | VIA | | D0120PA00X+086700Y+028400 |
| 317CPU_D10 | VIA | | D0120PA00X+088000Y+015000 |
| 317CPU_D10 | VIA | | D0120PA00X+073800Y+027500 |
| 317CPU_D10 | VIA | | D0120PA00X+073500Y+023250 |
| 317CPU_D10 | VIA | | D0120PA00X+064900Y+027500 |
| 317CPU_D10 | VIA | | D0120PA00X+046419Y+022144 |
| 317CPU_D11 | J1 | - 5 | D0360PA00X+080752Y+034295 |
| 327CPU_D11 | U9 | - 36 | A01X+064348Y+024589 |
| 317CPU_D11 | J3 | - 5 | D0360PA00X+026075Y+033500 |
| 327CPU_D11 | U10 | - 79 | A01X+072967Y+023506 |
| 327CPU_D11 | U8 | - 199 | A01X+046616Y+022341 |
| 327CPU_D11 | U11 | - 313 | A01X+087750Y+015750 |
| 317CPU_D11 | VIA | | D0120PA00X+074000Y+032000 |
| 317CPU_D11 | VIA | | D0120PA00X+074200Y+026350 |
| 317CPU_D11 | VIA | | D0120PA00X+086950Y+028000 |
| 317CPU_D11 | VIA | | D0120PA00X+088000Y+015500 |
| 317CPU_D11 | VIA | | D0120PA00X+074000Y+023250 |
| 317CPU_D11 | VIA | | D0120PA00X+064300Y+027900 |
| 317CPU_D11 | VIA | | D0120PA00X+046419Y+022537 |
| 317CPU_D12 | J1 | - 4 | D0360PA00X+081539Y+033508 |
| 327CPU_D12 | U8 | - 244 | A01X+047010Y+021553 |
| 317CPU_D12 | J3 | - 4 | D0360PA00X+025287Y+032713 |
| 327CPU_D12 | U10 | - 80 | A01X+072967Y+023703 |
| 327CPU_D12 | U9 | - 39 | A01X+063758Y+024589 |

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|------------|-----|-------|---------------------------|
| 327CPU_D12 | U11 | - 296 | A01X+088750Y+016250 |
| 317CPU_D12 | VIA | | D0120PA00X+063150Y+014500 |
| 317CPU_D12 | VIA | | D0120PA00X+046813Y+021356 |
| 317CPU_D12 | VIA | | D0120PA00X+063500Y+022750 |
| 317CPU_D12 | VIA | | D0120PA00X+073450Y+031350 |
| 317CPU_D12 | VIA | | D0120PA00X+073500Y+023750 |
| 317CPU_D12 | VIA | | D0120PA00X+088800Y+030750 |
| 317CPU_D12 | VIA | | D0120PA00X+089000Y+016000 |
| 317CPU_D12 | VIA | | D0120PA00X+073500Y+022250 |
| 317CPU_D12 | VIA | | D0120PA00X+026350Y+029900 |
| 317CPU_D13 | J1 | - 3 | D0360PA00X+081539Y+034295 |
| 327CPU_D13 | U9 | - 41 | A01X+063364Y+024589 |
| 317CPU_D13 | J3 | - 3 | D0360PA00X+025287Y+033500 |
| 327CPU_D13 | U10 | - 82 | A01X+072967Y+024096 |
| 327CPU_D13 | U8 | - 243 | A01X+046616Y+021553 |
| 327CPU_D13 | U11 | - 334 | A01X+088750Y+015250 |
| 317CPU_D13 | VIA | | D0120PA00X+064750Y+014500 |
| 317CPU_D13 | VIA | | D0120PA00X+046419Y+021356 |
| 317CPU_D13 | VIA | | D0120PA00X+074000Y+023750 |
| 317CPU_D13 | VIA | | D0120PA00X+073750Y+031750 |
| 317CPU_D13 | VIA | | D0120PA00X+075200Y+014500 |
| 317CPU_D13 | VIA | | D0120PA00X+089000Y+015000 |
| 317CPU_D13 | VIA | | D0120PA00X+063500Y+023250 |
| 327CPU_D14 | U10 | - 83 | A01X+072967Y+024293 |
| 317CPU_D14 | J1 | - 2 | D0360PA00X+082327Y+033508 |
| 317CPU_D14 | J3 | - 2 | D0360PA00X+024500Y+032713 |
| 327CPU_D14 | U8 | - 246 | A01X+047797Y+021553 |
| 327CPU_D14 | U11 | - 331 | A01X+087250Y+015250 |
| 327CPU_D14 | U9 | - 43 | A01X+062970Y+024589 |
| 317CPU_D14 | VIA | | D0120PA00X+073650Y+024500 |
| 317CPU_D14 | VIA | | D0120PA00X+073500Y+021750 |
| 317CPU_D14 | VIA | | D0120PA00X+084450Y+027550 |
| 317CPU_D14 | VIA | | D0120PA00X+076200Y+027500 |
| 317CPU_D14 | VIA | | D0120PA00X+087000Y+015000 |
| 317CPU_D14 | VIA | | D0120PA00X+076500Y+023050 |
| 317CPU_D14 | VIA | | D0120PA00X+062800Y+021800 |
| 317CPU_D14 | VIA | | D0120PA00X+047600Y+021356 |
| 317CPU_D14 | VIA | | D0120PA00X+063000Y+023750 |
| 317CPU_D14 | VIA | | D0120PA00X+024500Y+024650 |
| 317CPU_D15 | J1 | - 1 | D0360PA00X+082327Y+034295 |
| 317CPU_D15 | J3 | - 1 | D0360PA00X+024500Y+033500 |
| 327CPU_D15 | U10 | - 85 | A01X+072967Y+024687 |
| 327CPU_D15 | U9 | - 45 | A01X+062577Y+024589 |
| 327CPU_D15 | U8 | - 245 | A01X+047404Y+021553 |
| 327CPU_D15 | U11 | - 293 | A01X+087250Y+016250 |
| 317CPU_D15 | VIA | | D0120PA00X+085550Y+025400 |
| 317CPU_D15 | VIA | | D0120PA00X+080000Y+025500 |
| 317CPU_D15 | VIA | | D0120PA00X+087000Y+016000 |
| 317CPU_D15 | VIA | | D0120PA00X+074000Y+024500 |
| 317CPU_D15 | VIA | | D0120PA00X+063000Y+025250 |
| 317CPU_D15 | VIA | | D0120PA00X+062850Y+014500 |
| 317CPU_D15 | VIA | | D0120PA00X+047207Y+021356 |
| 317CPU_D15 | VIA | | D0120PA00X+024900Y+024650 |
| 327CPU_D16 | U10 | - 31 | A01X+068533Y+018978 |
| 327CPU_D16 | U8 | - 267 | A01X+047404Y+021159 |
| 327CPU_D16 | U11 | - 312 | A01X+087250Y+015750 |
| 317CPU_D16 | VIA | | D0120PA00X+068800Y+015500 |
| 317CPU_D16 | VIA | | D0120PA00X+047207Y+020963 |
| 317CPU_D16 | VIA | | D0120PA00X+087000Y+015500 |
| 317CPU_D16 | VIA | | D0120PA00X+067750Y+019250 |
| 327CPU_D17 | U10 | - 33 | A01X+068533Y+018585 |
| 327CPU_D17 | U8 | - 265 | A01X+046616Y+021159 |
| 327CPU_D17 | U11 | - 295 | A01X+088250Y+016250 |

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|------------|-----|-------|---------------------------|
| 317CPU_D17 | VIA | | D0120PA00X+067800Y+015500 |
| 317CPU_D17 | VIA | | D0120PA00X+046419Y+020963 |
| 317CPU_D17 | VIA | | D0120PA00X+067750Y+018500 |
| 317CPU_D17 | VIA | | D0120PA00X+088500Y+016000 |
| 327CPU_D18 | U10 | - 34 | A01X+068533Y+018388 |
| 327CPU_D18 | U8 | - 288 | A01X+047010Y+020766 |
| 327CPU_D18 | U11 | - 330 | A01X+086750Y+015250 |
| 317CPU_D18 | VIA | | D0120PA00X+079450Y+015550 |
| 317CPU_D18 | VIA | | D0120PA00X+080150Y+015150 |
| 317CPU_D18 | VIA | | D0120PA00X+086500Y+015000 |
| 317CPU_D18 | VIA | | D0120PA00X+068300Y+015500 |
| 317CPU_D18 | VIA | | D0120PA00X+046813Y+020569 |
| 317CPU_D18 | VIA | | D0120PA00X+067250Y+018500 |
| 327CPU_D19 | U10 | - 36 | A01X+068533Y+017994 |
| 327CPU_D19 | U8 | - 287 | A01X+046616Y+020766 |
| 327CPU_D19 | U11 | - 311 | A01X+086750Y+015750 |
| 317CPU_D19 | VIA | | D0120PA00X+086500Y+015500 |
| 317CPU_D19 | VIA | | D0120PA00X+066850Y+015500 |
| 317CPU_D19 | VIA | | D0120PA00X+067750Y+018000 |
| 317CPU_D19 | VIA | | D0120PA00X+046419Y+020569 |
| 327CPU_D20 | U10 | - 37 | A01X+068533Y+017797 |
| 327CPU_D20 | U8 | - 291 | A01X+048191Y+020766 |
| 327CPU_D20 | U11 | - 329 | A01X+086250Y+015250 |
| 317CPU_D20 | VIA | | D0120PA00X+079950Y+017050 |
| 317CPU_D20 | VIA | | D0120PA00X+080300Y+017500 |
| 317CPU_D20 | VIA | | D0120PA00X+067250Y+017500 |
| 317CPU_D20 | VIA | | D0120PA00X+086000Y+015000 |
| 317CPU_D20 | VIA | | D0120PA00X+047994Y+020569 |
| 327CPU_D21 | U10 | - 39 | A01X+068533Y+017404 |
| 327CPU_D21 | U8 | - 289 | A01X+047404Y+020766 |
| 327CPU_D21 | U11 | - 310 | A01X+086250Y+015750 |
| 317CPU_D21 | VIA | | D0120PA00X+086000Y+015500 |
| 317CPU_D21 | VIA | | D0120PA00X+067750Y+016500 |
| 317CPU_D21 | VIA | | D0120PA00X+047207Y+020569 |
| 317CPU_D21 | VIA | | D0120PA00X+067750Y+017500 |
| 327CPU_D22 | U10 | - 40 | A01X+068533Y+017207 |
| 327CPU_D22 | U8 | - 268 | A01X+047797Y+021159 |
| 327CPU_D22 | U11 | - 292 | A01X+086750Y+016250 |
| 317CPU_D22 | VIA | | D0120PA00X+086500Y+016000 |
| 317CPU_D22 | VIA | | D0120PA00X+067250Y+015500 |
| 317CPU_D22 | VIA | | D0120PA00X+067250Y+017000 |
| 317CPU_D22 | VIA | | D0120PA00X+047600Y+020963 |
| 327CPU_D23 | U10 | - 42 | A01X+068533Y+016813 |
| 327CPU_D23 | U8 | - 247 | A01X+048191Y+021553 |
| 327CPU_D23 | U11 | - 314 | A01X+088250Y+015750 |
| 317CPU_D23 | VIA | | D0120PA00X+067550Y+014500 |
| 317CPU_D23 | VIA | | D0120PA00X+088500Y+015500 |
| 317CPU_D23 | VIA | | D0120PA00X+067750Y+017000 |
| 317CPU_D23 | VIA | | D0120PA00X+047994Y+021356 |
| 327CPU_D24 | U8 | - 441 | A01X+046616Y+018010 |
| 327CPU_D24 | U10 | - 45 | A01X+072967Y+016813 |
| 327CPU_D24 | U11 | - 328 | A01X+085750Y+015250 |
| 317CPU_D24 | VIA | | D0120PA00X+073500Y+017000 |
| 317CPU_D24 | VIA | | D0120PA00X+085500Y+015000 |
| 317CPU_D24 | VIA | | D0120PA00X+045850Y+017600 |
| 327CPU_D25 | U8 | - 442 | A01X+047010Y+018010 |
| 327CPU_D25 | U10 | - 47 | A01X+072967Y+017207 |
| 327CPU_D25 | U11 | - 291 | A01X+086250Y+016250 |
| 317CPU_D25 | VIA | | D0120PA00X+074000Y+017000 |
| 317CPU_D25 | VIA | | D0120PA00X+086000Y+016000 |
| 317CPU_D25 | VIA | | D0120PA00X+045850Y+017300 |
| 327CPU_D26 | U10 | - 48 | A01X+072967Y+017404 |
| 327CPU_D26 | U8 | - 419 | A01X+046616Y+018404 |

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|-------------------|-----|-------|---------------------------|
| 327CPU_D26 | U11 | - 309 | A01X+085750Y+015750 |
| 317CPU_D26 | VIA | | D0120PA00X+081600Y+014950 |
| 317CPU_D26 | VIA | | D0120PA00X+085500Y+015500 |
| 317CPU_D26 | VIA | | D0120PA00X+081300Y+015750 |
| 317CPU_D26 | VIA | | D0120PA00X+073500Y+016100 |
| 317CPU_D26 | VIA | | D0120PA00X+045000Y+017550 |
| 317CPU_D26 | VIA | | D0120PA00X+073500Y+017500 |
| 327CPU_D27 | U8 | - 420 | A01X+047010Y+018404 |
| 327CPU_D27 | U10 | - 50 | A01X+072967Y+017797 |
| 327CPU_D27 | U11 | - 333 | A01X+088250Y+015250 |
| 317CPU_D27 | VIA | | D0120PA00X+074000Y+016500 |
| 317CPU_D27 | VIA | | D0120PA00X+081600Y+015750 |
| 317CPU_D27 | VIA | | D0120PA00X+045250Y+017250 |
| 317CPU_D27 | VIA | | D0120PA00X+074000Y+017500 |
| 317CPU_D27 | VIA | | D0120PA00X+081300Y+014950 |
| 317CPU_D27 | VIA | | D0120PA00X+088500Y+015000 |
| 327CPU_D28 | U10 | - 51 | A01X+072967Y+017994 |
| 327CPU_D28 | U8 | - 378 | A01X+047797Y+019191 |
| 327CPU_D28 | U11 | - 327 | A01X+085250Y+015250 |
| 317CPU_D28 | VIA | | D0120PA00X+081000Y+017800 |
| 317CPU_D28 | VIA | | D0120PA00X+073500Y+018000 |
| 317CPU_D28 | VIA | | D0120PA00X+081100Y+015200 |
| 317CPU_D28 | VIA | | D0120PA00X+085000Y+015000 |
| 317CPU_D28 | VIA | | D0120PA00X+047600Y+018994 |
| 327CPU_D29 | U10 | - 53 | A01X+072967Y+018388 |
| 327CPU_D29 | U8 | - 399 | A01X+047404Y+018797 |
| 327CPU_D29 | U11 | - 344 | A01X+084750Y+014750 |
| 317CPU_D29 | VIA | | D0120PA00X+074000Y+018000 |
| 317CPU_D29 | VIA | | D0120PA00X+080950Y+018100 |
| 317CPU_D29 | VIA | | D0120PA00X+080800Y+015200 |
| 317CPU_D29 | VIA | | D0120PA00X+084500Y+014500 |
| 317CPU_D29 | VIA | | D0120PA00X+047207Y+018600 |
| 327CPU_D30 | U10 | - 54 | A01X+072967Y+018585 |
| 327CPU_D30 | U8 | - 397 | A01X+046616Y+018797 |
| 327CPU_D30 | U11 | - 308 | A01X+085250Y+015750 |
| 317CPU_D30 | VIA | | D0120PA00X+074000Y+015900 |
| 317CPU_D30 | VIA | | D0120PA00X+085000Y+015500 |
| 317CPU_D30 | VIA | | D0120PA00X+074350Y+017500 |
| 317CPU_D30 | VIA | | D0120PA00X+045000Y+016550 |
| 327CPU_D31 | U10 | - 56 | A01X+072967Y+018978 |
| 327CPU_D31 | U8 | - 398 | A01X+047010Y+018797 |
| 327CPU_D31 | U11 | - 290 | A01X+085750Y+016250 |
| 317CPU_D31 | VIA | | D0120PA00X+072250Y+016000 |
| 317CPU_D31 | VIA | | D0120PA00X+085500Y+016000 |
| 317CPU_D31 | VIA | | D0120PA00X+045000Y+016850 |
| 317CPU_D31 | VIA | | D0120PA00X+072250Y+019250 |
| 327CPU_FLASH_CS_L | U9 | - 26 | A01X+066317Y+024589 |
| 327CPU_FLASH_CS_L | U11 | - 39 | A01X+083750Y+022750 |
| 317CPU_FLASH_CS_L | VIA | | D0120PA00X+066500Y+025250 |
| 317CPU_FLASH_CS_L | VIA | | D0120PA00X+082850Y+025950 |
| 317CPU_FLASH_CS_L | VIA | | D0120PA00X+083500Y+023000 |
| 327CPU_FPGA_CS_L | R67 | - 2 | A08X+043500Y+021410 |
| 327CPU_FPGA_CS_L | U8 | - 309 | A01X+046616Y+020372 |
| 327CPU_FPGA_CS_L | U11 | - 21 | A01X+084250Y+023250 |
| 317CPU_FPGA_CS_L | VIA | | D0120PA00X+078100Y+022850 |
| 317CPU_FPGA_CS_L | VIA | | D0120PA00X+084000Y+023500 |
| 317CPU_FPGA_CS_L | VIA | | D0120PA00X+078050Y+015850 |
| 317CPU_FPGA_CS_L | VIA | | D0120PA00X+046419Y+020175 |
| 327CPU_I2C_SCL | U14 | - 6 | A01X+097250Y+015650 |
| 327CPU_I2C_SCL | U11 | - 112 | A01X+091750Y+021250 |
| 327CPU_I2C_SCL | R95 | - 2 | A08X+098250Y+015410 |
| 317CPU_I2C_SCL | VIA | | D0120PA00X+098250Y+014950 |
| 317CPU_I2C_SCL | VIA | | D0120PA00X+092000Y+021500 |

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|------------------|------|-------|---------------------------|
| 327CPU_I2C_SDA | R96 | - 2 | A08X+097000Y+016090 |
| 327CPU_I2C_SDA | U14 | - 5 | A01X+096750Y+015650 |
| 327CPU_I2C_SDA | U11 | - 93 | A01X+091750Y+021750 |
| 317CPU_I2C_SDA | VIA | | D0120PA00X+097000Y+016550 |
| 317CPU_I2C_SDA | VIA | | D0120PA00X+092000Y+022000 |
| 327CPU_INT | R115 | - 2 | A08X+090000Y+011590 |
| 327CPU_INT | U11 | - 335 | A01X+089250Y+015250 |
| 317CPU_INT | VIA | | D0120PA00X+089500Y+015000 |
| 327CPU_IREQ_4 | U11 | - 170 | A01X+082750Y+019250 |
| 327CPU_IREQ_4 | R83 | - 2 | A08X+077500Y+019090 |
| 327CPU_IREQ_4 | U8 | - 310 | A01X+047010Y+020372 |
| 317CPU_IREQ_4 | VIA | | D0120PA00X+079100Y+018750 |
| 317CPU_IREQ_4 | VIA | | D0120PA00X+077960Y+019250 |
| 317CPU_IREQ_4 | VIA | | D0120PA00X+077650Y+015850 |
| 317CPU_IREQ_4 | VIA | | D0120PA00X+046813Y+020175 |
| 327CPU_OE_L | U9 | - 28 | A01X+065923Y+024589 |
| 327CPU_OE_L | U8 | - 313 | A01X+048191Y+020372 |
| 317CPU_OE_L | VIA | | D0120PA00X+066000Y+023750 |
| 317CPU_OE_L | VIA | | D0120PA00X+066950Y+023750 |
| 317CPU_OE_L | VIA | | D0120PA00X+066800Y+017000 |
| 317CPU_OE_L | VIA | | D0120PA00X+047994Y+020175 |
| 327CPU_OPT_CS_L | R76 | - 2 | A08X+043500Y+019660 |
| 327CPU_OPT_CS_L | U8 | - 331 | A01X+046616Y+019978 |
| 327CPU_OPT_CS_L | U11 | - 1 | A01X+083250Y+023750 |
| 317CPU_OPT_CS_L | VIA | | D0120PA00X+077000Y+022850 |
| 317CPU_OPT_CS_L | VIA | | D0120PA00X+083000Y+024000 |
| 317CPU_OPT_CS_L | VIA | | D0120PA00X+077200Y+015850 |
| 317CPU_OPT_CS_L | VIA | | D0120PA00X+046419Y+019781 |
| 327CPU_PORESET_L | R111 | - 1 | A08X+052000Y+014590 |
| 327CPU_PORESET_L | U8 | - 411 | A01X+052128Y+018797 |
| 327CPU_PORESET_L | U11 | - 266 | A01X+083250Y+016750 |
| 317CPU_PORESET_L | VIA | | D0120PA00X+076250Y+015900 |
| 317CPU_PORESET_L | VIA | | D0120PA00X+083000Y+016500 |
| 317CPU_PORESET_L | VIA | | D0120PA00X+076250Y+013750 |
| 317CPU_PORESET_L | VIA | | D0120PA00X+051500Y+014500 |
| 317CPU_PORESET_L | VIA | | D0120PA00X+052325Y+018600 |
| 327CPU_RD | U8 | - 311 | A01X+047404Y+020372 |
| 327CPU_RD | U11 | - 19 | A01X+083250Y+023250 |
| 317CPU_RD | VIA | | D0120PA00X+080600Y+022500 |
| 317CPU_RD | VIA | | D0120PA00X+083000Y+023500 |
| 317CPU_RD | VIA | | D0120PA00X+080450Y+016700 |
| 317CPU_RD | VIA | | D0120PA00X+047207Y+020175 |
| 327CPU_RXC | U8 | - 240 | A01X+054096Y+021947 |
| 327CPU_RXC | U11 | - 226 | A01X+091750Y+018250 |
| 317CPU_RXC | VIA | | D0120PA00X+092000Y+018000 |
| 317CPU_RXC | VIA | | D0120PA00X+055573Y+020963 |
| 317CPU_RXC | VIA | | D0120PA00X+054293Y+022144 |
| 327CPU_RXD | U8 | - 283 | A01X+053703Y+021159 |
| 327CPU_RXD | U11 | - 54 | A01X+091250Y+022750 |
| 317CPU_RXD | VIA | | D0120PA00X+091500Y+023000 |
| 317CPU_RXD | VIA | | D0120PA00X+053900Y+020963 |
| 327CPU_TA_L | U8 | - 312 | A01X+047797Y+020372 |
| 327CPU_TA_L | U11 | - 38 | A01X+083250Y+022750 |
| 327CPU_TA_L | R45 | - 2 | A08X+079500Y+025910 |
| 317CPU_TA_L | VIA | | D0120PA00X+069600Y+017500 |
| 317CPU_TA_L | VIA | | D0120PA00X+071550Y+025000 |
| 317CPU_TA_L | VIA | | D0120PA00X+079500Y+025500 |
| 317CPU_TA_L | VIA | | D0120PA00X+047600Y+020175 |
| 317CPU_TA_L | VIA | | D0120PA00X+082750Y+025500 |
| 317CPU_TA_L | VIA | | D0120PA00X+083000Y+023000 |
| 327CPU_TS_L | U8 | - 334 | A01X+047797Y+019978 |
| 327CPU_TS_L | U11 | - 96 | A01X+083750Y+021250 |
| 317CPU_TS_L | VIA | | D0120PA00X+080750Y+021250 |

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|-----------------|-----|-------|---------------------------|
| 317CPU_TS_L | VIA | | D0120PA00X+083500Y+021500 |
| 317CPU_TS_L | VIA | | D0120PA00X+079900Y+016750 |
| 317CPU_TS_L | VIA | | D0120PA00X+047600Y+019781 |
| 327CPU_TXC | U8 | - 241 | A01X+054490Y+021947 |
| 327CPU_TXC | U11 | - 224 | A01X+090750Y+018250 |
| 317CPU_TXC | VIA | | D0120PA00X+075000Y+017350 |
| 317CPU_TXC | VIA | | D0120PA00X+075000Y+021250 |
| 317CPU_TXC | VIA | | D0120PA00X+091000Y+018000 |
| 317CPU_TXC | VIA | | D0120PA00X+055573Y+021356 |
| 317CPU_TXC | VIA | | D0120PA00X+054687Y+022144 |
| 327CPU_TXD | U8 | - 284 | A01X+054096Y+021159 |
| 327CPU_TXD | U11 | - 72 | A01X+090750Y+022250 |
| 317CPU_TXD | VIA | | D0120PA00X+054293Y+020963 |
| 317CPU_TXD | VIA | | D0120PA00X+091000Y+022500 |
| 327CPU_UART_RXD | U17 | - 12 | A01X+086000Y+005350 |
| 327CPU_UART_RXD | U11 | - 204 | A01X+090250Y+018750 |
| 317CPU_UART_RXD | VIA | | D0120PA00X+094000Y+004500 |
| 317CPU_UART_RXD | VIA | | D0120PA00X+090500Y+018500 |
| 327CPU_UART_TXD | U17 | - 11 | A01X+086500Y+005350 |
| 327CPU_UART_TXD | U11 | - 185 | A01X+090250Y+019250 |
| 317CPU_UART_TXD | VIA | | D0120PA00X+094250Y+004750 |
| 317CPU_UART_TXD | VIA | | D0120PA00X+090500Y+019000 |
| 327CPU_WE_LO | U9 | - 11 | A01X+063955Y+016911 |
| 327CPU_WE_LO | U11 | - 43 | A01X+085750Y+022750 |
| 317CPU_WE_LO | VIA | | D0120PA00X+064000Y+018500 |
| 317CPU_WE_LO | VIA | | D0120PA00X+082450Y+024300 |
| 317CPU_WE_LO | VIA | | D0120PA00X+085500Y+023000 |
| 317CPU_WE_LO | VIA | | D0120PA00X+081850Y+018100 |
| 327DEBUG_0 | J10 | - 7 | A01X+055250Y+009880 |
| 327DEBUG_0 | U8 | - 471 | A01X+049766Y+017616 |
| 317DEBUG_0 | VIA | | D0120PA00X+049569Y+017419 |
| 317DEBUG_0 | VIA | | D0120PA00X+055250Y+008750 |
| 327DEBUG_1 | J10 | - 5 | A01X+054250Y+009880 |
| 327DEBUG_1 | U8 | - 427 | A01X+049766Y+018404 |
| 317DEBUG_1 | VIA | | D0120PA00X+049569Y+018207 |
| 317DEBUG_1 | VIA | | D0120PA00X+054250Y+008750 |
| 327DEBUG_2 | J10 | - 3 | A01X+053250Y+009880 |
| 327DEBUG_2 | U8 | - 472 | A01X+050159Y+017616 |
| 317DEBUG_2 | VIA | | D0120PA00X+049963Y+017419 |
| 317DEBUG_2 | VIA | | D0120PA00X+053250Y+008750 |
| 327DEBUG_3 | J10 | - 1 | A01X+052250Y+009880 |
| 327DEBUG_3 | U8 | - 450 | A01X+050159Y+018010 |
| 317DEBUG_3 | VIA | | D0120PA00X+052250Y+008750 |
| 317DEBUG_3 | VIA | | D0120PA00X+049963Y+017813 |
| 327DEBUG_4 | J10 | - 2 | A01X+052250Y+011630 |
| 327DEBUG_4 | U8 | - 473 | A01X+050553Y+017616 |
| 317DEBUG_4 | VIA | | D0120PA00X+052250Y+012750 |
| 317DEBUG_4 | VIA | | D0120PA00X+050356Y+017419 |
| 327DEBUG_5 | J10 | - 4 | A01X+053250Y+011630 |
| 327DEBUG_5 | U8 | - 429 | A01X+050553Y+018404 |
| 317DEBUG_5 | VIA | | D0120PA00X+053250Y+012750 |
| 317DEBUG_5 | VIA | | D0120PA00X+050356Y+018207 |
| 327DEBUG_6 | J10 | - 6 | A01X+054250Y+011630 |
| 327DEBUG_6 | U8 | - 385 | A01X+050553Y+019191 |
| 317DEBUG_6 | VIA | | D0120PA00X+054250Y+012750 |
| 317DEBUG_6 | VIA | | D0120PA00X+050356Y+018994 |
| 327DEBUG_7 | J10 | - 8 | A01X+055250Y+011630 |
| 327DEBUG_7 | U8 | - 363 | A01X+050553Y+019585 |
| 317DEBUG_7 | VIA | | D0120PA00X+050356Y+019388 |
| 317DEBUG_7 | VIA | | D0120PA00X+055250Y+012750 |
| 317DIGITAL_PWR | J3 | - 43 | D0360PA00X+041035Y+033500 |
| 327DIGITAL_PWR | F7 | - 1 | A01X+044000Y+031250 |
| 327DSCK | J8 | - 4 | A01X+081000Y+030380 |

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|--------------|------|-------|---------------------------|
| 327DSCK | R80 | - 1 | A08X+093000Y+019090 |
| 327DSCK | U11 | - 147 | A01X+090250Y+020250 |
| 317DSCK | VIA | | D0120PA00X+090500Y+030000 |
| 317DSCK | VIA | | D0120PA00X+081000Y+031350 |
| 317DSCK | VIA | | D0120PA00X+090500Y+020500 |
| 327DSDI | J8 | - 8 | A01X+083000Y+030380 |
| 327DSDI | R79 | - 1 | A08X+095000Y+019090 |
| 327DSDI | U11 | - 148 | A01X+090750Y+020250 |
| 317DSDI | VIA | | D0120PA00X+091000Y+030250 |
| 317DSDI | VIA | | D0120PA00X+083000Y+031350 |
| 317DSDI | VIA | | D0120PA00X+091000Y+020500 |
| 327DSDO | J8 | - 10 | A01X+084000Y+030380 |
| 327DSDO | U11 | - 129 | A01X+090750Y+020750 |
| 317DSDO | VIA | | D0120PA00X+090750Y+030500 |
| 317DSDO | VIA | | D0120PA00X+084000Y+031350 |
| 317DSDO | VIA | | D0120PA00X+091000Y+021000 |
| 327ENET_1P2V | U12 | - 134 | A01X+027567Y+020728 |
| 327ENET_1P2V | U12 | - 45 | A01X+035933Y+014114 |
| 327ENET_1P2V | C143 | - 1 | A08X+034750Y+014410 |
| 327ENET_1P2V | U12 | - 71 | A01X+035933Y+018209 |
| 327ENET_1P2V | C24 | - 1 | A01X+038500Y+016840 |
| 327ENET_1P2V | Q1 | - 4 | A01X+038500Y+021589 |
| 327ENET_1P2V | C144 | - 1 | A08X+033750Y+014410 |
| 327ENET_1P2V | U12 | - 100 | A01X+033404Y+021683 |
| 327ENET_1P2V | U12 | - 115 | A01X+031041Y+021683 |
| 327ENET_1P2V | C25 | - 1 | A01X+039750Y+017050 |
| 327ENET_1P2V | U12 | - 78 | A01X+035933Y+019311 |
| 327ENET_1P2V | C120 | - 1 | A08X+028750Y+018160 |
| 327ENET_1P2V | C135 | - 1 | A08X+034750Y+016840 |
| 327ENET_1P2V | C149 | - 1 | A08X+028750Y+014410 |
| 327ENET_1P2V | U12 | - 3 | A01X+028679Y+013317 |
| 327ENET_1P2V | C147 | - 1 | A08X+030750Y+014410 |
| 327ENET_1P2V | U12 | - 8 | A01X+029467Y+013317 |
| 327ENET_1P2V | U12 | - 64 | A01X+035933Y+017106 |
| 327ENET_1P2V | C103 | - 1 | A08X+033750Y+020590 |
| 327ENET_1P2V | U12 | - 85 | A01X+035933Y+020413 |
| 327ENET_1P2V | U12 | - 151 | A01X+027567Y+018051 |
| 327ENET_1P2V | U12 | - 14 | A01X+030411Y+013317 |
| 327ENET_1P2V | Q1 | - 2 | A01X+038500Y+018911 |
| 327ENET_1P2V | C106 | - 1 | A08X+030750Y+020590 |
| 327ENET_1P2V | U12 | - 139 | A01X+027567Y+019941 |
| 327ENET_1P2V | U12 | - 146 | A01X+027567Y+018839 |
| 327ENET_1P2V | U12 | - 158 | A01X+027567Y+016949 |
| 327ENET_1P2V | U12 | - 168 | A01X+027567Y+015374 |
| 327ENET_1P2V | U12 | - 19 | A01X+031199Y+013317 |
| 327ENET_1P2V | U12 | - 25 | A01X+032144Y+013317 |
| 327ENET_1P2V | U12 | - 30 | A01X+032931Y+013317 |
| 327ENET_1P2V | U12 | - 41 | A01X+034663Y+013317 |
| 327ENET_1P2V | U12 | - 36 | A01X+033876Y+013317 |
| 317ENET_1P2V | VIA | | D0120PA00X+028150Y+019950 |
| 317ENET_1P2V | VIA | | D0120PA00X+028150Y+020900 |
| 317ENET_1P2V | VIA | | D0120PA00X+035300Y+014250 |
| 317ENET_1P2V | VIA | | D0120PA00X+035300Y+018150 |
| 317ENET_1P2V | VIA | | D0120PA00X+038100Y+016850 |
| 317ENET_1P2V | VIA | | D0120PA00X+039300Y+017300 |
| 317ENET_1P2V | VIA | | D0120PA00X+037500Y+021750 |
| 317ENET_1P2V | VIA | | D0120PA00X+039500Y+021750 |
| 317ENET_1P2V | VIA | | D0120PA00X+040200Y+017300 |
| 317ENET_1P2V | VIA | | D0120PA00X+032950Y+013850 |
| 317ENET_1P2V | VIA | | D0120PA00X+033900Y+013850 |
| 317ENET_1P2V | VIA | | D0120PA00X+035300Y+019200 |
| 317ENET_1P2V | VIA | | D0120PA00X+033250Y+022450 |
| 317ENET_1P2V | VIA | | D0120PA00X+033750Y+021100 |

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|-----------------|-------|-------|---------------------------|
| 317ENET_1P2V | VIA | | D0120PA00X+035300Y+020400 |
| 317ENET_1P2V | VIA | | D0120PA00X+030750Y+021100 |
| 317ENET_1P2V | VIA | | D0120PA00X+028150Y+018050 |
| 317ENET_1P2V | VIA | | D0120PA00X+035300Y+017100 |
| 317ENET_1P2V | VIA | | D0120PA00X+028650Y+013850 |
| 317ENET_1P2V | VIA | | D0120PA00X+029450Y+013850 |
| 317ENET_1P2V | VIA | | D0120PA00X+028150Y+015350 |
| 317ENET_1P2V | VIA | | D0120PA00X+031200Y+013850 |
| 317ENET_1P2V | VIA | | D0120PA00X+034650Y+013850 |
| 317ENET_1P2V | VIA | | D0120PA00X+030400Y+013850 |
| 317ENET_1P2V | VIA | | D0120PA00X+028150Y+018850 |
| 317ENET_1P2V | VIA | | D0120PA00X+028150Y+016950 |
| 317ENET_1P2V | VIA | | D0120PA00X+032150Y+013850 |
| 327ENET_1P5V | Q2 | - 4 | A01X+041750Y+021589 |
| 327ENET_1P5V | C142 | - 1 | A08X+036000Y+014410 |
| 327ENET_1P5V | U12 | - 66 | A01X+035933Y+017421 |
| 327ENET_1P5V | U12 | - 55 | A01X+035933Y+015689 |
| 327ENET_1P5V | U12 | - 61 | A01X+035933Y+016634 |
| 327ENET_1P5V | C118 | - 1 | A08X+036000Y+018160 |
| 327ENET_1P5V | C134 | - 1 | A08X+036000Y+016840 |
| 327ENET_1P5V | Q2 | - 2 | A01X+041750Y+018911 |
| 327ENET_1P5V | U12 | - 49 | A01X+035933Y+014744 |
| 317ENET_1P5V | VIA | | D0120PA00X+035300Y+015700 |
| 317ENET_1P5V | VIA | | D0120PA00X+040750Y+021350 |
| 317ENET_1P5V | VIA | | D0120PA00X+040750Y+021750 |
| 317ENET_1P5V | VIA | | D0120PA00X+035300Y+014750 |
| 317ENET_1P5V | VIA | | D0120PA00X+035300Y+017650 |
| 317ENET_1P5V | VIA | | D0120PA00X+035300Y+016650 |
| 327ENET_INT_L | U12 | - 97 | A01X+033876Y+021683 |
| 327ENET_INT_L | R57 | - 2 | A08X+033750Y+022910 |
| 327ENET_INT_L | U8 | - 43 | A01X+054490Y+025490 |
| 317ENET_INT_L | VIA | | D0120PA00X+054750Y+031750 |
| 317ENET_INT_L | VIA | | D0120PA00X+054687Y+025687 |
| 317ENET_INT_L | VIA | | D0120PA00X+034150Y+022900 |
| 327ENET_IRQ | R116 | - 2 | A08X+089000Y+011590 |
| 327ENET_IRQ | U11 | - 316 | A01X+089250Y+015750 |
| 317ENET_IRQ | VIA | | D0120PA00X+089500Y+015500 |
| 327ENET_RESET_L | U12 | - 96 | A01X+034033Y+021683 |
| 327ENET_RESET_L | U8 | - 44 | A01X+054884Y+025490 |
| 317ENET_RESET_L | VIA | | D0120PA00X+055100Y+031950 |
| 317ENET_RESET_L | VIA | | D0120PA00X+034300Y+021100 |
| 317ENET_RESET_L | VIA | | D0120PA00X+055081Y+025687 |
| 317FAN_ROTOR_1 | J4 | - 14 | D0430PA00X+053250Y+034250 |
| 327FAN_ROTOR_1 | U8 | - 330 | A01X+054884Y+020372 |
| 317FAN_ROTOR_1 | VIA | | D0120PA00X+055081Y+020175 |
| 317FAN_ROTOR_2 | J4 | - 16 | D0430PA00X+054250Y+034250 |
| 327FAN_ROTOR_2 | U8 | - 329 | A01X+054490Y+020372 |
| 317FAN_ROTOR_2 | VIA | | D0120PA00X+054687Y+020175 |
| 317FAN_ROTOR_3 | J4 | - 18 | D0430PA00X+055250Y+034250 |
| 327FAN_ROTOR_3 | U8 | - 308 | A01X+054884Y+020766 |
| 317FAN_ROTOR_3 | VIA | | D0120PA00X+055081Y+020569 |
| 317FAN_ROTOR_4 | J4 | - 20 | D0430PA00X+056250Y+034250 |
| 327FAN_ROTOR_4 | U8 | - 306 | A01X+054096Y+020766 |
| 317FAN_ROTOR_4 | VIA | | D0120PA00X+054293Y+020569 |
| 327FLASH_READY | U9 | - 15 | A01X+064742Y+016911 |
| 327FLASH_READY | U11 | - 128 | A01X+090250Y+020750 |
| 317FLASH_READY | VIA | | D0120PA00X+069950Y+015500 |
| 317FLASH_READY | VIA | | D0120PA00X+090500Y+021000 |
| 317GND_EARTH | CAGE1 | - 8 | D0410PA00X+063642Y+004267 |
| 317GND_EARTH | CAGE1 | - 9 | D0410PA00X+064890Y+004267 |
| 317GND_EARTH | CAGE1 | - 7 | D0410PA00X+061516Y+004267 |
| 317GND_EARTH | CAGE1 | - 6 | D0410PA00X+059280Y+002298 |
| 317GND_EARTH | J14 | - 44 | D0380PA00X+053500Y+002300 |

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|--------------|-------|------|----------------------------|
| 317GND_EARTH | CAGE1 | - 1 | D0410PA00X+059280Y- 001639 |
| 317GND_EARTH | CAGE1 | - 2 | D0410PA00X+062657Y- 001639 |
| 317GND_EARTH | CAGE1 | - 13 | D0410PA00X+059280Y+006235 |
| 317GND_EARTH | CAGE1 | - 17 | D0360PA00X+059280Y+011157 |
| 317GND_EARTH | CAGE1 | - 14 | D0360PA00X+059280Y+009188 |
| 317GND_EARTH | CAGE1 | - 10 | D0410PA00X+067126Y+004267 |
| 317GND_EARTH | CAGE1 | - 4 | D0410PA00X+064890Y+000330 |
| 317GND_EARTH | CAGE1 | - 15 | D0410PA00X+064890Y+008204 |
| 317GND_EARTH | CAGE1 | - 18 | D0410PA00X+064890Y+012141 |
| 317GND_EARTH | CAGE1 | - 5 | D0410PA00X+070500Y+000330 |
| 317GND_EARTH | CAGE1 | - 12 | D0410PA00X+070500Y+004267 |
| 317GND_EARTH | CAGE1 | - 16 | D0410PA00X+070500Y+008204 |
| 317GND_EARTH | CAGE1 | - 11 | D0410PA00X+069252Y+004267 |
| 317GND_EARTH | CAGE1 | - 19 | D0410PA00X+070500Y+012141 |
| 317GND_EARTH | CAGE1 | - 3 | D0410PA00X+068268Y- 001639 |
| 317GND_EARTH | J13 | - 44 | D0380PA00X+027500Y+002300 |
| 317GND_EARTH | H4 | - 1 | D1540PA00X+098000Y+000000 |
| 317GND_EARTH | H2 | - 1 | D1540PA00X+098000Y+033000 |
| 317GND_EARTH | J13 | - 50 | D0630PA00X+017500Y+002800 |
| 317GND_EARTH | J13 | - 20 | D0380PA00X+016500Y+002300 |
| 317GND_EARTH | H1 | - 1 | D1540PA00X+000000Y+033000 |
| 317GND_EARTH | H3 | - 1 | D1540PA00X+000000Y+000000 |
| 317GND_EARTH | J13 | - 32 | D0380PA00X+022000Y+002300 |
| 317GND_EARTH | J13 | - 51 | D0630PA00X+023000Y+002800 |
| 317GND_EARTH | J14 | - 8 | D0380PA00X+037000Y+002300 |
| 317GND_EARTH | J14 | - 49 | D0630PA00X+038000Y+002800 |
| 317GND_EARTH | J14 | - 20 | D0380PA00X+042500Y+002300 |
| 317GND_EARTH | J14 | - 50 | D0630PA00X+043500Y+002800 |
| 317GND_EARTH | J14 | - 32 | D0380PA00X+048000Y+002300 |
| 317GND_EARTH | J14 | - 51 | D0630PA00X+049000Y+002800 |
| 317GND_EARTH | J13 | - 8 | D0380PA00X+011000Y+002300 |
| 317GND_EARTH | J13 | - 49 | D0630PA00X+012000Y+002800 |
| 317GND_EARTH | VIA | | D0120PA00X+052500Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+047000Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+041500Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+036000Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+026500Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+021000Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+015500Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+010000Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+015000Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+009500Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+020500Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+026000Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+035500Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+041000Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+046500Y- 002750 |
| 317GND_EARTH | VIA | | D0120PA00X+052000Y- 002750 |
| 327GND_POWER | C141 | - 2 | A08X+037250Y+015090 |
| 327GND_POWER | C160 | - 2 | A08X+043000Y+009840 |
| 327GND_POWER | C161 | - 2 | A08X+042000Y+009840 |
| 327GND_POWER | C137 | - 2 | A08X+045750Y+015200 |
| 327GND_POWER | C158 | - 2 | A08X+046250Y+011340 |
| 327GND_POWER | C166 | - 1 | A08X+051500Y+003910 |
| 327GND_POWER | C169 | - 2 | A08X+045000Y+003910 |
| 327GND_POWER | C176 | - 2 | A08X+021000Y+003910 |
| 327GND_POWER | C45 | - 2 | A01X+042500Y+004590 |
| 327GND_POWER | C177 | - 2 | A08X+019000Y+003910 |
| 327GND_POWER | C174 | - 1 | A08X+025500Y+003910 |
| 327GND_POWER | C172 | - 2 | A08X+036000Y+003910 |
| 327GND_POWER | C175 | - 1 | A08X+023500Y+003910 |
| 327GND_POWER | C178 | - 2 | A08X+014500Y+003910 |
| 327GND_POWER | U10 | - 52 | A01X+072967Y+018191 |

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| 327GND_POWER | C179 | - 2 | A08X+012500Y+003910 |
| 327GND_POWER | C181 | - 2 | A08X+007000Y+003910 |
| 327GND_POWER | C36 | - 2 | A01X+038750Y+008950 |
| 327GND_POWER | C62 | - 2 | A08X+068000Y+028410 |
| 327GND_POWER | R40 | - 2 | A08X+064250Y+030160 |
| 327GND_POWER | C63 | - 2 | A08X+064250Y+029090 |
| 327GND_POWER | C17 | - 2 | A01X+060480Y+023000 |
| 327GND_POWER | R61 | - 2 | A08X+079500Y+022590 |
| 327GND_POWER | C54 | - 2 | A08X+092250Y+031410 |
| 327GND_POWER | C1 | - 2 | A01X+089450Y+031750 |
| 327GND_POWER | C113 | - 2 | A08X+057000Y+017910 |
| 327GND_POWER | C114 | - 2 | A08X+056000Y+017910 |
| 327GND_POWER | C56 | - 2 | A08X+090250Y+031410 |
| 327GND_POWER | U8 | - 369 | A01X+052915Y+019585 |
| 327GND_POWER | U11 | - 240 | A01X+089250Y+017750 |
| 327GND_POWER | R80 | - 2 | A08X+093000Y+018410 |
| 327GND_POWER | R87 | - 1 | A08X+079500Y+016660 |
| 327GND_POWER | U13 | - 2 | A01X+078500Y+016930 |
| 327GND_POWER | U8 | - 342 | A01X+050947Y+019978 |
| 327GND_POWER | R68 | - 2 | A08X+095000Y+020840 |
| 327GND_POWER | U8 | - 256 | A01X+051734Y+021553 |
| 327GND_POWER | C32 | - 2 | A01X+095000Y+014200 |
| 327GND_POWER | R86 | - 2 | A08X+097000Y+018340 |
| 327GND_POWER | U14 | - 4 | A01X+096750Y+017850 |
| 327GND_POWER | U8 | - 233 | A01X+051341Y+021947 |
| 327GND_POWER | C23 | - 2 | A01X+095000Y+017950 |
| 327GND_POWER | U8 | - 210 | A01X+050947Y+022341 |
| 327GND_POWER | U8 | - 229 | A01X+049766Y+021947 |
| 327GND_POWER | C121 | - 2 | A08X+093000Y+017340 |
| 327GND_POWER | C7 | - 2 | A01X+087800Y+027000 |
| 327GND_POWER | C8 | - 2 | A01X+061750Y+026240 |
| 327GND_POWER | R101 | - 1 | A08X+051000Y+015660 |
| 327GND_POWER | R102 | - 1 | A08X+050000Y+015660 |
| 327GND_POWER | R100 | - 2 | A08X+052000Y+015660 |
| 327GND_POWER | R103 | - 1 | A08X+049000Y+015660 |
| 327GND_POWER | U8 | - 222 | A01X+047010Y+021947 |
| 327GND_POWER | C130 | - 2 | A08X+053000Y+015660 |
| 327GND_POWER | C129 | - 2 | A08X+054000Y+015660 |
| 327GND_POWER | R99 | - 2 | A08X+055000Y+015660 |
| 327GND_POWER | R98 | - 2 | A08X+056000Y+015660 |
| 327GND_POWER | R97 | - 2 | A08X+057000Y+015660 |
| 327GND_POWER | C138 | - 2 | A08X+074000Y+013910 |
| 327GND_POWER | C139 | - 2 | A08X+073000Y+014590 |
| 327GND_POWER | R93 | - 2 | A08X+065000Y+016160 |
| 327GND_POWER | C140 | - 2 | A08X+072000Y+014590 |
| 327GND_POWER | R112 | - 1 | A08X+049000Y+013910 |
| 327GND_POWER | R111 | - 2 | A08X+052000Y+013910 |
| 327GND_POWER | C27 | - 2 | A01X+055230Y+014000 |
| 327GND_POWER | C29 | - 2 | A01X+077250Y+013700 |
| 327GND_POWER | C28 | - 2 | A01X+075750Y+013700 |
| 327GND_POWER | C34 | - 2 | A01X+087550Y+011000 |
| 327GND_POWER | R123 | - 2 | A08X+080250Y+010910 |
| 327GND_POWER | C151 | - 2 | A08X+086500Y+012910 |
| 327GND_POWER | C89 | - 2 | A08X+081500Y+022590 |
| 327GND_POWER | C126 | - 2 | A08X+081500Y+017340 |
| 327GND_POWER | C83 | - 2 | A08X+069750Y+023910 |
| 327GND_POWER | C82 | - 2 | A08X+070750Y+023910 |
| 327GND_POWER | U10 | - 6 | A01X+068533Y+023900 |
| 327GND_POWER | U10 | - 58 | A01X+072967Y+019372 |
| 327GND_POWER | U10 | - 32 | A01X+068533Y+018781 |
| 327GND_POWER | C128 | - 2 | A08X+070750Y+016660 |
| 327GND_POWER | C19 | - 2 | A01X+079550Y+021550 |
| 327GND_POWER | C112 | - 2 | A08X+075500Y+019090 |

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|--------------|------|-------|
| 327GND_POWER | C111 | - 2 |
| 327GND_POWER | C127 | - 2 |
| 327GND_POWER | U10 | - 86 |
| 327GND_POWER | C74 | - 2 |
| 327GND_POWER | U4 | - 11 |
| 327GND_POWER | C15 | - 2 |
| 327GND_POWER | C76 | - 2 |
| 327GND_POWER | C75 | - 2 |
| 327GND_POWER | C22 | - 2 |
| 327GND_POWER | C18 | - 2 |
| 327GND_POWER | C84 | - 2 |
| 327GND_POWER | C85 | - 2 |
| 327GND_POWER | R42 | - 2 |
| 327GND_POWER | C21 | - 2 |
| 327GND_POWER | C91 | - 2 |
| 327GND_POWER | C92 | - 2 |
| 327GND_POWER | C93 | - 2 |
| 327GND_POWER | C60 | - 2 |
| 327GND_POWER | C3 | - 2 |
| 327GND_POWER | C132 | - 2 |
| 327GND_POWER | C131 | - 2 |
| 327GND_POWER | C115 | - 2 |
| 327GND_POWER | C116 | - 2 |
| 327GND_POWER | C16 | - 2 |
| 327GND_POWER | C95 | - 2 |
| 327GND_POWER | C94 | - 2 |
| 327GND_POWER | C77 | - 2 |
| 327GND_POWER | C78 | - 2 |
| 327GND_POWER | C86 | - 2 |
| 327GND_POWER | C87 | - 2 |
| 327GND_POWER | C25 | - 2 |
| 327GND_POWER | C24 | - 2 |
| 327GND_POWER | C133 | - 2 |
| 327GND_POWER | C134 | - 2 |
| 327GND_POWER | C142 | - 2 |
| 327GND_POWER | C108 | - 2 |
| 327GND_POWER | C136 | - 2 |
| 327GND_POWER | C165 | - 2 |
| 327GND_POWER | R3 | - 2 |
| 327GND_POWER | C135 | - 2 |
| 327GND_POWER | C38 | - 2 |
| 327GND_POWER | C37 | - 2 |
| 327GND_POWER | J12 | - 11 |
| 327GND_POWER | U8 | - 185 |
| 327GND_POWER | R125 | - 2 |
| 327GND_POWER | J11 | - 9 |
| 327GND_POWER | U8 | - 296 |
| 327GND_POWER | C164 | - 2 |
| 327GND_POWER | J12 | - 9 |
| 327GND_POWER | J12 | - 10 |
| 327GND_POWER | C162 | - 2 |
| 327GND_POWER | J12 | - 1 |
| 327GND_POWER | J11 | - 10 |
| 327GND_POWER | J11 | - 1 |
| 327GND_POWER | J11 | - 11 |
| 327GND_POWER | J11 | - 20 |
| 327GND_POWER | R127 | - 2 |
| 327GND_POWER | U8 | - 22 |
| 327GND_POWER | U8 | - 38 |
| 327GND_POWER | U8 | - 64 |
| 327GND_POWER | U8 | - 80 |
| 327GND_POWER | U8 | - 127 |
| 327GND_POWER | U8 | - 153 |

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| A08X+076500Y+019090 |
| A08X+071750Y+016660 |
| A01X+072967Y+024884 |
| A08X+064750Y+025840 |
| A01X+060652Y+028421 |
| A01X+060550Y+024500 |
| A08X+056000Y+025590 |
| A08X+057000Y+025590 |
| A01X+060550Y+019750 |
| A01X+060480Y+021250 |
| A08X+057000Y+023840 |
| A08X+056000Y+023840 |
| A08X+084750Y+026590 |
| A01X+058250Y+019490 |
| A08X+058000Y+021410 |
| A08X+057000Y+021410 |
| A08X+056000Y+021410 |
| A08X+049750Y+030050 |
| A01X+051730Y+029250 |
| A08X+047000Y+015660 |
| A08X+048000Y+015660 |
| A08X+045500Y+017910 |
| A08X+044500Y+017910 |
| A01X+043500Y+023240 |
| A08X+044500Y+021410 |
| A08X+045500Y+021410 |
| A08X+045500Y+025590 |
| A08X+044500Y+025590 |
| A08X+045500Y+023840 |
| A08X+044500Y+023840 |
| A01X+039750Y+015950 |
| A01X+038500Y+016160 |
| A08X+037250Y+016840 |
| A08X+036000Y+016160 |
| A08X+036000Y+015090 |
| A08X+028750Y+019910 |
| A08X+028750Y+016840 |
| A08X+061500Y+007950 |
| A01X+026500Y+013410 |
| A08X+034750Y+016160 |
| A01X+071750Y+007200 |
| A01X+058000Y+007200 |
| A01X+069036Y+012149 |
| A01X+049766Y+022734 |
| A08X+065750Y+012090 |
| A01X+063268Y+008920 |
| A01X+050159Y+020766 |
| A08X+062750Y+007950 |
| A01X+068878Y+008920 |
| A01X+069193Y+008920 |
| A08X+068250Y+007950 |
| A01X+066359Y+008920 |
| A01X+063583Y+008920 |
| A01X+060749Y+008920 |
| A01X+063426Y+012149 |
| A01X+060591Y+012149 |
| A08X+060250Y+012090 |
| A01X+054884Y+025884 |
| A01X+052522Y+025490 |
| A01X+054096Y+025096 |
| A01X+051734Y+024703 |
| A01X+052915Y+023915 |
| A01X+054490Y+023522 |

| | | |
|--------------|------|-------|
| 327GND_POWER | U8 | - 190 |
| 327GND_POWER | U8 | - 195 |
| 327GND_POWER | U8 | - 34 |
| 327GND_POWER | U8 | - 189 |
| 327GND_POWER | U8 | - 237 |
| 327GND_POWER | C10 | - 2 |
| 327GND_POWER | U8 | - 1 |
| 327GND_POWER | U8 | - 263 |
| 327GND_POWER | U8 | - 300 |
| 327GND_POWER | U8 | - 305 |
| 327GND_POWER | U8 | - 351 |
| 327GND_POWER | U8 | - 370 |
| 327GND_POWER | U8 | - 410 |
| 327GND_POWER | U8 | - 254 |
| 327GND_POWER | U8 | - 484 |
| 327GND_POWER | U8 | - 456 |
| 327GND_POWER | U8 | - 438 |
| 327GND_POWER | U8 | - 277 |
| 327GND_POWER | C106 | - 2 |
| 327GND_POWER | U8 | - 252 |
| 327GND_POWER | U8 | - 332 |
| 327GND_POWER | U8 | - 406 |
| 327GND_POWER | U8 | - 401 |
| 327GND_POWER | U8 | - 400 |
| 327GND_POWER | U8 | - 380 |
| 327GND_POWER | U8 | - 358 |
| 327GND_POWER | U8 | - 295 |
| 327GND_POWER | U8 | - 290 |
| 327GND_POWER | U8 | - 275 |
| 327GND_POWER | U8 | - 463 |
| 327GND_POWER | U8 | - 421 |
| 327GND_POWER | U8 | - 447 |
| 327GND_POWER | U8 | - 451 |
| 327GND_POWER | U8 | - 121 |
| 327GND_POWER | U8 | - 187 |
| 327GND_POWER | U8 | - 231 |
| 327GND_POWER | U8 | - 208 |
| 327GND_POWER | U8 | - 75 |
| 327GND_POWER | U8 | - 29 |
| 327GND_POWER | U8 | - 116 |
| 327GND_POWER | U8 | - 226 |
| 327GND_POWER | U8 | - 180 |
| 327GND_POWER | U8 | - 47 |
| 327GND_POWER | U8 | - 134 |
| 327GND_POWER | C43 | - 2 |
| 327GND_POWER | C49 | - 2 |
| 327GND_POWER | C39 | - 2 |
| 327GND_POWER | C110 | - 2 |
| 327GND_POWER | C109 | - 2 |
| 327GND_POWER | C97 | - 2 |
| 327GND_POWER | C98 | - 2 |
| 327GND_POWER | C99 | - 2 |
| 327GND_POWER | C100 | - 2 |
| 327GND_POWER | C124 | - 2 |
| 327GND_POWER | C123 | - 2 |
| 327GND_POWER | C122 | - 2 |
| 327GND_POWER | C125 | - 2 |
| 327GND_POWER | U11 | - 118 |
| 327GND_POWER | U11 | - 99 |
| 327GND_POWER | J11 | - 14 |
| 327GND_POWER | J11 | - 17 |
| 327GND_POWER | U11 | - 156 |
| 327GND_POWER | U11 | - 175 |

IPC

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| A01X+051734Y+022734 |
| A01X+053703Y+022734 |
| A01X+050947Y+025490 |
| A01X+051341Y+022734 |
| A01X+052915Y+021947 |
| A01X+043000Y+025270 |
| A01X+046616Y+025884 |
| A01X+054490Y+021553 |
| A01X+051734Y+020766 |
| A01X+053703Y+020766 |
| A01X+054490Y+019978 |
| A01X+053309Y+019585 |
| A01X+051734Y+018797 |
| A01X+050947Y+021553 |
| A01X+054884Y+017616 |
| A01X+052522Y+018010 |
| A01X+054096Y+018404 |
| A01X+051341Y+021159 |
| A08X+030750Y+019910 |
| A01X+050159Y+021553 |
| A01X+047010Y+019978 |
| A01X+050159Y+018797 |
| A01X+048191Y+018797 |
| A01X+047797Y+018797 |
| A01X+048585Y+019191 |
| A01X+048585Y+019585 |
| A01X+049766Y+020766 |
| A01X+047797Y+020766 |
| A01X+050553Y+021159 |
| A01X+046616Y+017616 |
| A01X+047404Y+018404 |
| A01X+048978Y+018010 |
| A01X+050553Y+018010 |
| A01X+050553Y+023915 |
| A01X+050553Y+022734 |
| A01X+050553Y+021947 |
| A01X+050159Y+022341 |
| A01X+049766Y+024703 |
| A01X+048978Y+025490 |
| A01X+048585Y+023915 |
| A01X+048585Y+021947 |
| A01X+047797Y+022734 |
| A01X+047404Y+025096 |
| A01X+047010Y+023522 |
| A01X+027500Y+004590 |
| A01X+004000Y+002950 |
| A01X- 000500Y+004700 |
| A08X+085000Y+019590 |
| A08X+089500Y+019590 |
| A08X+089500Y+020660 |
| A08X+088000Y+020660 |
| A08X+086500Y+020660 |
| A08X+085000Y+020660 |
| A08X+086500Y+017840 |
| A08X+088000Y+017840 |
| A08X+089500Y+017840 |
| A08X+085000Y+017840 |
| A01X+085250Y+020750 |
| A01X+085250Y+021250 |
| A01X+062481Y+012149 |
| A01X+061536Y+012149 |
| A01X+085250Y+019750 |
| A01X+085250Y+019250 |

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|--------------|------|-------|
| 327GND_POWER | U11 | - 194 |
| 327GND_POWER | U11 | - 213 |
| 327GND_POWER | U11 | - 232 |
| 327GND_POWER | U11 | - 251 |
| 327GND_POWER | U11 | - 259 |
| 327GND_POWER | U11 | - 221 |
| 327GND_POWER | U11 | - 252 |
| 327GND_POWER | U11 | - 202 |
| 327GND_POWER | U11 | - 183 |
| 327GND_POWER | U11 | - 145 |
| 327GND_POWER | U11 | - 164 |
| 327GND_POWER | C41 | - 2 |
| 327GND_POWER | U11 | - 237 |
| 327GND_POWER | U11 | - 238 |
| 327GND_POWER | U11 | - 218 |
| 327GND_POWER | U11 | - 142 |
| 327GND_POWER | U11 | - 123 |
| 327GND_POWER | U11 | - 124 |
| 327GND_POWER | U11 | - 101 |
| 327GND_POWER | U11 | - 120 |
| 327GND_POWER | U11 | - 158 |
| 327GND_POWER | U11 | - 157 |
| 327GND_POWER | U11 | - 177 |
| 327GND_POWER | U11 | - 196 |
| 327GND_POWER | U11 | - 215 |
| 327GND_POWER | U11 | - 234 |
| 327GND_POWER | U11 | - 253 |
| 327GND_POWER | U11 | - 258 |
| 327GND_POWER | U11 | - 239 |
| 327GND_POWER | U11 | - 220 |
| 327GND_POWER | U11 | - 201 |
| 327GND_POWER | U11 | - 163 |
| 327GND_POWER | U11 | - 125 |
| 327GND_POWER | U11 | - 106 |
| 327GND_POWER | U11 | - 102 |
| 327GND_POWER | U11 | - 121 |
| 327GND_POWER | U11 | - 140 |
| 327GND_POWER | U11 | - 216 |
| 327GND_POWER | U11 | - 235 |
| 327GND_POWER | U11 | - 236 |
| 327GND_POWER | U11 | - 160 |
| 327GND_POWER | C107 | - 2 |
| 327GND_POWER | U11 | - 141 |
| 327GND_POWER | U12 | - 177 |
| 327GND_POWER | U11 | - 122 |
| 327GND_POWER | U11 | - 126 |
| 327GND_POWER | U11 | - 103 |
| 327GND_POWER | U11 | - 233 |
| 327GND_POWER | U11 | - 144 |
| 327GND_POWER | U11 | - 143 |
| 327GND_POWER | U10 | - 44 |
| 327GND_POWER | U11 | - 137 |
| 327GND_POWER | U11 | - 100 |
| 327GND_POWER | U11 | - 182 |
| 327GND_POWER | U11 | - 181 |
| 327GND_POWER | U11 | - 119 |
| 327GND_POWER | U11 | - 214 |
| 327GND_POWER | U11 | - 195 |
| 327GND_POWER | U11 | - 176 |
| 327GND_POWER | U11 | - 138 |
| 327GND_POWER | U11 | - 139 |
| 327GND_POWER | U11 | - 217 |
| 327GND_POWER | U11 | - 303 |

IPC

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|---------------------|
| A01X+085250Y+018750 |
| A01X+085250Y+018250 |
| A01X+085250Y+017750 |
| A01X+085250Y+017250 |
| A01X+089250Y+017250 |
| A01X+089250Y+018250 |
| A01X+085750Y+017250 |
| A01X+089250Y+018750 |
| A01X+089250Y+019250 |
| A01X+089250Y+020250 |
| A01X+089250Y+019750 |
| A01X+016500Y+004590 |
| A01X+087750Y+017750 |
| A01X+088250Y+017750 |
| A01X+087750Y+018250 |
| A01X+087750Y+020250 |
| A01X+087750Y+020750 |
| A01X+088250Y+020750 |
| A01X+086250Y+021250 |
| A01X+086250Y+020750 |
| A01X+086250Y+019750 |
| A01X+085750Y+019750 |
| A01X+086250Y+019250 |
| A01X+086250Y+018750 |
| A01X+086250Y+018250 |
| A01X+086250Y+017750 |
| A01X+086250Y+017250 |
| A01X+088750Y+017250 |
| A01X+088750Y+017750 |
| A01X+088750Y+018250 |
| A01X+088750Y+018750 |
| A01X+088750Y+019750 |
| A01X+088750Y+020750 |
| A01X+088750Y+021250 |
| A01X+086750Y+021250 |
| A01X+086750Y+020750 |
| A01X+086750Y+020250 |
| A01X+086750Y+018250 |
| A01X+086750Y+017750 |
| A01X+087250Y+017750 |
| A01X+087250Y+019750 |
| A08X+029750Y+019910 |
| A01X+087250Y+020250 |
| A01X+031750Y+017500 |
| A01X+087250Y+020750 |
| A01X+089250Y+020750 |
| A01X+087250Y+021250 |
| A01X+085750Y+017750 |
| A01X+088750Y+020250 |
| A01X+088250Y+020250 |
| A01X+072967Y+016616 |
| A01X+085250Y+020250 |
| A01X+085750Y+021250 |
| A01X+088750Y+019250 |
| A01X+088250Y+019250 |
| A01X+085750Y+020750 |
| A01X+085750Y+018250 |
| A01X+085750Y+018750 |
| A01X+085750Y+019250 |
| A01X+085750Y+020250 |
| A01X+086250Y+020250 |
| A01X+087250Y+018250 |
| A01X+082750Y+015750 |

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|--------------|------|-------|----------------------------|
| | | | IPC |
| 327GND_POWER | U11 | - 322 | A01X+082750Y+015250 |
| 327GND_POWER | U11 | - 254 | A01X+086750Y+017250 |
| 327GND_POWER | U11 | - 197 | A01X+086750Y+018750 |
| 327GND_POWER | U11 | - 178 | A01X+086750Y+019250 |
| 327GND_POWER | U11 | - 159 | A01X+086750Y+019750 |
| 327GND_POWER | U11 | - 255 | A01X+087250Y+017250 |
| 327GND_POWER | U11 | - 198 | A01X+087250Y+018750 |
| 327GND_POWER | U11 | - 179 | A01X+087250Y+019250 |
| 327GND_POWER | U11 | - 256 | A01X+087750Y+017250 |
| 327GND_POWER | U11 | - 199 | A01X+087750Y+018750 |
| 327GND_POWER | U11 | - 161 | A01X+087750Y+019750 |
| 327GND_POWER | C4 | - 2 | A01X+073000Y+027490 |
| 327GND_POWER | U1 | - 1 | A01X+070750Y+026875 |
| 327GND_POWER | U11 | - 180 | A01X+087750Y+019250 |
| 327GND_POWER | C20 | - 2 | A01X+096770Y+020000 |
| 327GND_POWER | C6 | - 2 | A01X+093750Y+027520 |
| 327GND_POWER | C5 | - 2 | A01X+092000Y+027520 |
| 327GND_POWER | C35 | - 2 | A01X+050000Y+009490 |
| 327GND_POWER | U11 | - 104 | A01X+087750Y+021250 |
| 327GND_POWER | C180 | - 2 | A08X+010000Y+003910 |
| 327GND_POWER | R128 | - 2 | A08X+040500Y+010660 |
| 327GND_POWER | U11 | - 257 | A01X+088250Y+017250 |
| 327GND_POWER | U11 | - 162 | A01X+088250Y+019750 |
| 327GND_POWER | C13 | - 2 | A01X+031000Y+025020 |
| 327GND_POWER | U11 | - 219 | A01X+088250Y+018250 |
| 327GND_POWER | U11 | - 200 | A01X+088250Y+018750 |
| 327GND_POWER | U11 | - 105 | A01X+088250Y+021250 |
| 327GND_POWER | C70 | - 2 | A08X+032750Y+026590 |
| 317GND_POWER | U15 | - 5 | D0520PA00X- 000500Y+016000 |
| 327GND_POWER | C157 | - 2 | A08X+000750Y+012590 |
| 327GND_POWER | U11 | - 107 | A01X+089250Y+021250 |
| 327GND_POWER | C156 | - 2 | A08X+001750Y+012590 |
| 327GND_POWER | D9 | - 1 | A01X+003960Y+006250 |
| 327GND_POWER | C40 | - 2 | A01X+011000Y+004590 |
| 327GND_POWER | C46 | - 2 | A01X+048000Y+004590 |
| 327GND_POWER | C42 | - 2 | A01X+022000Y+004590 |
| 327GND_POWER | C55 | - 2 | A08X+091250Y+031410 |
| 327GND_POWER | C153 | - 2 | A08X+067000Y+012840 |
| 327GND_POWER | C155 | - 2 | A08X+061250Y+012840 |
| 327GND_POWER | C154 | - 2 | A08X+062750Y+012840 |
| 327GND_POWER | R49 | - 1 | A08X+040750Y+025840 |
| 327GND_POWER | U16 | - 1 | A01X+048000Y+009125 |
| 327GND_POWER | C50 | - 2 | A01X+082160Y+002000 |
| 327GND_POWER | C53 | - 2 | A01X+088090Y+002000 |
| 317GND_POWER | P1 | - 5 | D0430PA00X+084400Y- 000450 |
| 327GND_POWER | U10 | - 46 | A01X+072967Y+017010 |
| 317GND_POWER | J4 | - 17 | D0430PA00X+055250Y+033250 |
| 317GND_POWER | J4 | - 19 | D0430PA00X+056250Y+033250 |
| 327GND_POWER | U10 | - 72 | A01X+072967Y+022128 |
| 327GND_POWER | U10 | - 78 | A01X+072967Y+023309 |
| 327GND_POWER | J8 | - 3 | A01X+081000Y+028630 |
| 327GND_POWER | C168 | - 2 | A08X+047000Y+003910 |
| 327GND_POWER | U10 | - 84 | A01X+072967Y+024490 |
| 327GND_POWER | C96 | - 2 | A08X+093000Y+020840 |
| 327GND_POWER | U7 | - 1 | A01X+095750Y+022250 |
| 327GND_POWER | C26 | - 2 | A01X+099250Y+017090 |
| 317GND_POWER | J9 | - 1 | D0360PA00X+097500Y+013000 |
| 317GND_POWER | J9 | - 3 | D0360PA00X+097500Y+012213 |
| 317GND_POWER | J9 | - 5 | D0360PA00X+097500Y+011425 |
| 317GND_POWER | J9 | - 7 | D0360PA00X+097500Y+010638 |
| 317GND_POWER | J9 | - 9 | D0360PA00X+097500Y+009850 |
| 317GND_POWER | J9 | - 11 | D0360PA00X+097500Y+009063 |
| 317GND_POWER | J9 | - 13 | D0360PA00X+097500Y+008276 |

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|--------------|------|------|---------------------------|----------------------|
| 327GND_POWER | U10 | - 12 | IPC | A01X+068533Y+022719 |
| 327GND_POWER | U9 | - 27 | | A01X+066120Y+024589 |
| 327GND_POWER | U9 | - 46 | | A01X+062380Y+024589 |
| 327GND_POWER | C14 | - 2 | | A01X+058250Y+024240 |
| 327GND_POWER | J12 | - 17 | | A01X+067146Y+012149 |
| 327GND_POWER | C152 | - 2 | | A08X+068500Y+012840 |
| 327GND_POWER | J12 | - 20 | | A01X+066201Y+012149 |
| 327GND_POWER | J12 | - 14 | | A01X+068091Y+012149 |
| 327GND_POWER | C65 | - 2 | | A08X+054500Y+027840 |
| 327GND_POWER | C183 | - 2 | | A08X+050250Y- 000590 |
| 327GND_POWER | C182 | - 2 | | A08X+051250Y- 000590 |
| 327GND_POWER | C187 | - 2 | | A08X+039250Y- 000590 |
| 327GND_POWER | C189 | - 2 | | A08X+034500Y- 000590 |
| 327GND_POWER | C167 | - 1 | | A08X+049500Y+003910 |
| 327GND_POWER | C163 | - 2 | | A08X+067000Y+007950 |
| 327GND_POWER | C147 | - 2 | | A08X+030750Y+015090 |
| 327GND_POWER | C190 | - 2 | | A08X+025500Y- 000590 |
| 327GND_POWER | C191 | - 2 | | A08X+024500Y- 000590 |
| 327GND_POWER | C148 | - 2 | | A08X+029750Y+015090 |
| 327GND_POWER | C194 | - 2 | | A08X+014750Y- 000590 |
| 327GND_POWER | C193 | - 2 | | A08X+019250Y- 000590 |
| 327GND_POWER | J10 | - 10 | | A01X+056250Y+011630 |
| 327GND_POWER | J10 | - 9 | | A01X+056250Y+009880 |
| 317GND_POWER | J5 | - 19 | D0430PA00X+068250Y+033250 | |
| 317GND_POWER | J5 | - 20 | D0430PA00X+068250Y+034250 | |
| 317GND_POWER | J2 | - 8 | D0360PA00X+091776Y+033508 | |
| 317GND_POWER | J2 | - 4 | D0360PA00X+093350Y+033508 | |
| 317GND_POWER | J2 | - 12 | D0360PA00X+090201Y+033508 | |
| 317GND_POWER | J2 | - 11 | D0360PA00X+090201Y+034295 | |
| 317GND_POWER | J1 | - 30 | D0360PA00X+071303Y+033508 | |
| 317GND_POWER | J1 | - 29 | D0360PA00X+071303Y+034295 | |
| 317GND_POWER | J3 | - 44 | D0360PA00X+041035Y+032713 | |
| 317GND_POWER | J3 | - 46 | D0360PA00X+041823Y+032713 | |
| 327GND_POWER | C68 | - 2 | A08X+047500Y+027840 | |
| 327GND_POWER | C67 | - 2 | A08X+048500Y+027840 | |
| 327GND_POWER | C47 | - 2 | A01X+053500Y+004590 | |
| 317GND_POWER | J2 | - 14 | D0360PA00X+089413Y+033508 | |
| 317GND_POWER | J2 | - 7 | D0360PA00X+091776Y+034295 | |
| 317GND_POWER | J2 | - 3 | D0360PA00X+093350Y+034295 | |
| 327GND_POWER | C66 | - 2 | A08X+053500Y+027840 | |
| 327GND_POWER | C58 | - 2 | A08X+059500Y+030340 | |
| 327GND_POWER | C188 | - 2 | A08X+035500Y- 000590 | |
| 327GND_POWER | C185 | - 2 | A08X+044750Y- 000590 | |
| 327GND_POWER | C186 | - 2 | A08X+040250Y- 000590 | |
| 327GND_POWER | C170 | - 2 | A08X+040500Y+003910 | |
| 327GND_POWER | C171 | - 2 | A08X+038500Y+003910 | |
| 327GND_POWER | C44 | - 2 | A01X+037000Y+004590 | |
| 327GND_POWER | C184 | - 2 | A08X+045750Y- 000590 | |
| 327GND_POWER | C64 | - 2 | A08X+063250Y+029090 | |
| 317GND_POWER | J3 | - 45 | D0360PA00X+041823Y+033500 | |
| 327GND_POWER | C101 | - 2 | A08X+069750Y+020840 | |
| 327GND_POWER | U10 | - 38 | A01X+068533Y+017600 | |
| 327GND_POWER | C61 | - 2 | A08X+069000Y+028410 | |
| 327GND_POWER | C105 | - 2 | A08X+031750Y+019910 | |
| 327GND_POWER | C104 | - 2 | A08X+032750Y+019910 | |
| 327GND_POWER | C57 | - 2 | A08X+089250Y+031410 | |
| 327GND_POWER | C159 | - 2 | A08X+045250Y+011340 | |
| 327GND_POWER | C73 | - 2 | A08X+086250Y+025590 | |
| 327GND_POWER | C72 | - 2 | A08X+088000Y+025590 | |
| 327GND_POWER | C59 | - 2 | A08X+058500Y+030340 | |
| 327GND_POWER | C143 | - 2 | A08X+034750Y+015090 | |
| 327GND_POWER | C144 | - 2 | A08X+033750Y+015090 | |
| 327GND_POWER | C118 | - 2 | A08X+036000Y+018840 | |

| | | | IPC |
|--------------|------|------|----------------------------|
| 327GND_POWER | C102 | - 2 | A08X+034750Y+019910 |
| 327GND_POWER | C119 | - 2 | A08X+034750Y+018840 |
| 327GND_POWER | C103 | - 2 | A08X+033750Y+019910 |
| 327GND_POWER | C173 | - 2 | A08X+034000Y+003910 |
| 327GND_POWER | C192 | - 2 | A08X+020250Y- 000590 |
| 327GND_POWER | C195 | - 2 | A08X+013750Y- 000590 |
| 327GND_POWER | C197 | - 2 | A08X+008500Y- 000590 |
| 327GND_POWER | C196 | - 2 | A08X+009500Y- 000590 |
| 327GND_POWER | C120 | - 2 | A08X+028750Y+018840 |
| 327GND_POWER | C146 | - 2 | A08X+031750Y+015090 |
| 327GND_POWER | C149 | - 2 | A08X+028750Y+015090 |
| 327GND_POWER | C145 | - 2 | A08X+032750Y+015090 |
| 327GND_POWER | C150 | - 2 | A08X+027500Y+014410 |
| 327GND_POWER | C69 | - 2 | A08X+033750Y+026590 |
| 327GND_POWER | U3 | - 1 | A01X+033250Y+027500 |
| 327GND_POWER | C9 | - 2 | A01X+025500Y+025660 |
| 327GND_POWER | C117 | - 2 | A08X+037500Y+018840 |
| 327GND_POWER | U5 | - 5 | A01X+028000Y+027100 |
| 327GND_POWER | R114 | - 2 | A08X+091000Y+010910 |
| 327GND_POWER | C2 | - 2 | A01X+037750Y+029700 |
| 327GND_POWER | C48 | - 2 | A01X+083000Y+003910 |
| 327GND_POWER | C81 | - 2 | A08X+097250Y+024340 |
| 327GND_POWER | J8 | - 5 | A01X+082000Y+028630 |
| 327GND_POWER | C80 | - 2 | A08X+098250Y+024340 |
| 327GND_POWER | U17 | - 15 | A01X+084500Y+005350 |
| 317GND_POWER | U15 | - 4 | D0720PA00X- 000500Y+017500 |
| 317GND_POWER | VIA | | D0120PA00X+037650Y+015000 |
| 317GND_POWER | VIA | | D0120PA00X+038100Y+016150 |
| 317GND_POWER | VIA | | D0120PA00X+043000Y+010250 |
| 317GND_POWER | VIA | | D0120PA00X+064250Y+025750 |
| 317GND_POWER | VIA | | D0120PA00X+066000Y+025250 |
| 317GND_POWER | VIA | | D0120PA00X+042000Y+010250 |
| 317GND_POWER | VIA | | D0120PA00X+045250Y+011750 |
| 317GND_POWER | VIA | | D0120PA00X+046250Y+011750 |
| 317GND_POWER | VIA | | D0120PA00X+047350Y+009150 |
| 317GND_POWER | VIA | | D0120PA00X+048000Y+008450 |
| 317GND_POWER | VIA | | D0120PA00X+048000Y+005000 |
| 317GND_POWER | VIA | | D0120PA00X+047000Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+047550Y+008700 |
| 317GND_POWER | VIA | | D0120PA00X+050250Y+008750 |
| 317GND_POWER | VIA | | D0120PA00X+049500Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+048650Y+009150 |
| 317GND_POWER | VIA | | D0120PA00X+040500Y+010000 |
| 317GND_POWER | VIA | | D0120PA00X+051500Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+039250Y+008750 |
| 317GND_POWER | VIA | | D0120PA00X+053500Y+005000 |
| 317GND_POWER | VIA | | D0120PA00X+042500Y+005000 |
| 317GND_POWER | VIA | | D0120PA00X+021000Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+040500Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+019000Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+036000Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+038500Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+025500Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+037000Y+005000 |
| 317GND_POWER | VIA | | D0120PA00X+023500Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+071500Y+014500 |
| 317GND_POWER | VIA | | D0120PA00X+068500Y+013250 |
| 317GND_POWER | VIA | | D0120PA00X+014500Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+073500Y+019250 |
| 317GND_POWER | VIA | | D0120PA00X+012500Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+076000Y+019250 |
| 317GND_POWER | VIA | | D0120PA00X+007000Y+003500 |
| 317GND_POWER | VIA | | D0120PA00X+004500Y+002750 |

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| 317GND_POWER | VIA | D0120PA00X+077000Y+019250 |
| 317GND_POWER | VIA | D0120PA00X+081000Y+027700 |
| 317GND_POWER | VIA | D0120PA00X+071200Y+026450 |
| 317GND_POWER | VIA | D0120PA00X+038250Y+008750 |
| 317GND_POWER | VIA | D0120PA00X+068000Y+028000 |
| 317GND_POWER | VIA | D0120PA00X+070300Y+026450 |
| 317GND_POWER | VIA | D0120PA00X+082000Y+027700 |
| 317GND_POWER | VIA | D0120PA00X+064450Y+029600 |
| 317GND_POWER | VIA | D0120PA00X+064050Y+029600 |
| 317GND_POWER | VIA | D0120PA00X+061250Y+024250 |
| 317GND_POWER | VIA | D0120PA00X+061350Y+023250 |
| 317GND_POWER | VIA | D0120PA00X+062500Y+023750 |
| 317GND_POWER | VIA | D0120PA00X+061250Y+019500 |
| 317GND_POWER | VIA | D0120PA00X+057750Y+019500 |
| 317GND_POWER | VIA | D0120PA00X+080000Y+022700 |
| 317GND_POWER | VIA | D0120PA00X+070750Y+026200 |
| 317GND_POWER | VIA | D0120PA00X+092750Y+030750 |
| 317GND_POWER | VIA | D0120PA00X+091250Y+030750 |
| 317GND_POWER | VIA | D0120PA00X+089250Y+030750 |
| 317GND_POWER | VIA | D0120PA00X+056500Y+018000 |
| 317GND_POWER | VIA | D0120PA00X+055081Y+017419 |
| 317GND_POWER | VIA | D0120PA00X+090250Y+030750 |
| 317GND_POWER | VIA | D0120PA00X+051144Y+019781 |
| 317GND_POWER | VIA | D0120PA00X+093250Y+017850 |
| 317GND_POWER | VIA | D0120PA00X+092900Y+017850 |
| 317GND_POWER | VIA | D0120PA00X+077500Y+013000 |
| 317GND_POWER | VIA | D0120PA00X+080250Y+010500 |
| 317GND_POWER | VIA | D0120PA00X+078500Y+015800 |
| 317GND_POWER | VIA | D0120PA00X+081000Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+051144Y+021356 |
| 317GND_POWER | VIA | D0120PA00X+095500Y+020800 |
| 317GND_POWER | VIA | D0120PA00X+051537Y+022144 |
| 317GND_POWER | VIA | D0120PA00X+095500Y+014050 |
| 317GND_POWER | VIA | D0120PA00X+045000Y+015750 |
| 317GND_POWER | VIA | D0120PA00X+040200Y+016150 |
| 317GND_POWER | VIA | D0120PA00X+095500Y+014400 |
| 317GND_POWER | VIA | D0120PA00X+097000Y+018800 |
| 317GND_POWER | VIA | D0120PA00X+051144Y+022537 |
| 317GND_POWER | VIA | D0120PA00X+095500Y+017750 |
| 317GND_POWER | VIA | D0120PA00X+095500Y+018100 |
| 317GND_POWER | VIA | D0120PA00X+050356Y+022144 |
| 317GND_POWER | VIA | D0120PA00X+049963Y+021356 |
| 317GND_POWER | VIA | D0120PA00X+088000Y+027650 |
| 317GND_POWER | VIA | D0120PA00X+032750Y+019500 |
| 317GND_POWER | VIA | D0120PA00X+031750Y+019500 |
| 317GND_POWER | VIA | D0120PA00X+087650Y+027650 |
| 317GND_POWER | VIA | D0120PA00X+061800Y+025750 |
| 317GND_POWER | VIA | D0120PA00X+049963Y+020569 |
| 317GND_POWER | VIA | D0120PA00X+051500Y+015750 |
| 317GND_POWER | VIA | D0120PA00X+050800Y+014500 |
| 317GND_POWER | VIA | D0120PA00X+053500Y+015750 |
| 317GND_POWER | VIA | D0120PA00X+049600Y+015750 |
| 317GND_POWER | VIA | D0120PA00X+049569Y+020569 |
| 317GND_POWER | VIA | D0120PA00X+047600Y+020569 |
| 317GND_POWER | VIA | D0120PA00X+075500Y+013000 |
| 317GND_POWER | VIA | D0120PA00X+074850Y+014500 |
| 317GND_POWER | VIA | D0120PA00X+054500Y+015750 |
| 317GND_POWER | VIA | D0120PA00X+055500Y+015750 |
| 317GND_POWER | VIA | D0120PA00X+056500Y+015750 |
| 317GND_POWER | VIA | D0120PA00X+057450Y+015750 |
| 317GND_POWER | VIA | D0120PA00X+065500Y+016250 |
| 317GND_POWER | VIA | D0120PA00X+046813Y+019781 |
| 317GND_POWER | VIA | D0120PA00X+072500Y+014500 |

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| 317GND_POWER | VIA | D0120PA00X+071250Y+016500 |
| 317GND_POWER | VIA | D0120PA00X+049500Y+013750 |
| 317GND_POWER | VIA | D0120PA00X+046419Y+017419 |
| 317GND_POWER | VIA | D0120PA00X+047207Y+018207 |
| 317GND_POWER | VIA | D0120PA00X+051500Y+013750 |
| 317GND_POWER | VIA | D0120PA00X+046500Y+015750 |
| 317GND_POWER | VIA | D0120PA00X+056000Y+014500 |
| 317GND_POWER | VIA | D0120PA00X+077000Y+013000 |
| 317GND_POWER | VIA | D0120PA00X+049569Y+022144 |
| 317GND_POWER | VIA | D0120PA00X+076000Y+013000 |
| 317GND_POWER | VIA | D0120PA00X+087500Y+010500 |
| 317GND_POWER | VIA | D0120PA00X+048388Y+022144 |
| 317GND_POWER | VIA | D0120PA00X+086000Y+013000 |
| 317GND_POWER | VIA | D0120PA00X+081000Y+022500 |
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| 317GND_POWER | VIA | D0120PA00X+065750Y+012500 |
| 317GND_POWER | VIA | D0120PA00X+072250Y+018000 |
| 317GND_POWER | VIA | D0120PA00X+072250Y+017000 |
| 317GND_POWER | VIA | D0120PA00X+069250Y+018500 |
| 317GND_POWER | VIA | D0120PA00X+069250Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+053112Y+022144 |
| 317GND_POWER | VIA | D0120PA00X+080000Y+021250 |
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| 317GND_POWER | VIA | D0120PA00X+047600Y+022931 |
| 317GND_POWER | VIA | D0120PA00X+046813Y+022144 |
| 317GND_POWER | VIA | D0120PA00X+072250Y+025000 |
| 317GND_POWER | VIA | D0120PA00X+046813Y+023719 |
| 317GND_POWER | VIA | D0120PA00X+061000Y+028750 |
| 317GND_POWER | VIA | D0120PA00X+061250Y+024750 |
| 317GND_POWER | VIA | D0120PA00X+056500Y+025500 |
| 317GND_POWER | VIA | D0120PA00X+057500Y+025500 |
| 317GND_POWER | VIA | D0120PA00X+061250Y+020000 |
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| 317GND_POWER | VIA | D0120PA00X+061250Y+021000 |
| 317GND_POWER | VIA | D0120PA00X+057500Y+023750 |
| 317GND_POWER | VIA | D0120PA00X+056500Y+023750 |
| 317GND_POWER | VIA | D0120PA00X+086250Y+026000 |
| 317GND_POWER | VIA | D0120PA00X+057500Y+021500 |
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| 317GND_POWER | VIA | D0120PA00X+057500Y+018000 |
| 317GND_POWER | VIA | D0120PA00X+049000Y+030000 |
| 317GND_POWER | VIA | D0120PA00X+052500Y+029500 |
| 317GND_POWER | VIA | D0120PA00X+044750Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+045750Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+048500Y+015750 |
| 317GND_POWER | VIA | D0120PA00X+047500Y+015750 |
| 317GND_POWER | VIA | D0120PA00X+045000Y+018000 |
| 317GND_POWER | VIA | D0120PA00X+040250Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+039250Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+044000Y+018000 |
| 317GND_POWER | VIA | D0120PA00X+035500Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+043000Y+023250 |
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| 317GND_POWER | VIA | D0120PA00X+045000Y+025500 |
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| 317GND_POWER | VIA | D0120PA00X+045000Y+023750 |
| 317GND_POWER | VIA | D0120PA00X+044000Y+023750 |
| 317GND_POWER | VIA | D0120PA00X+039300Y+016150 |
| 317GND_POWER | VIA | D0120PA00X+034500Y- 001000 |

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| 317GND_POWER | VIA | D0120PA00X+061500Y+007350 |
| 317GND_POWER | VIA | D0120PA00X+058500Y+007000 |
| 317GND_POWER | VIA | D0120PA00X+035300Y+016200 |
| 317GND_POWER | VIA | D0120PA00X+035300Y+015200 |
| 317GND_POWER | VIA | D0120PA00X+029150Y+019950 |
| 317GND_POWER | VIA | D0120PA00X+029150Y+016950 |
| 317GND_POWER | VIA | D0120PA00X+060250Y+009200 |
| 317GND_POWER | VIA | D0120PA00X+026500Y+013000 |
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| 317GND_POWER | VIA | D0120PA00X+057500Y+007000 |
| 317GND_POWER | VIA | D0120PA00X+069050Y+011500 |
| 317GND_POWER | VIA | D0120PA00X+049963Y+022537 |
| 317GND_POWER | VIA | D0120PA00X+050356Y+020963 |
| 317GND_POWER | VIA | D0120PA00X+062750Y+007350 |
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| 317GND_POWER | VIA | D0120PA00X+064000Y+009200 |
| 317GND_POWER | VIA | D0120PA00X+063300Y+011500 |
| 317GND_POWER | VIA | D0120PA00X+051537Y+020963 |
| 317GND_POWER | VIA | D0120PA00X+051931Y+020569 |
| 317GND_POWER | VIA | D0120PA00X+060250Y+012500 |
| 317GND_POWER | VIA | D0120PA00X+060750Y+011500 |
| 317GND_POWER | VIA | D0120PA00X+055081Y+026081 |
| 317GND_POWER | VIA | D0120PA00X+052719Y+025687 |
| 317GND_POWER | VIA | D0120PA00X+054293Y+025293 |
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| 317GND_POWER | VIA | D0120PA00X+053112Y+024112 |
| 317GND_POWER | VIA | D0120PA00X+054687Y+023719 |
| 317GND_POWER | VIA | D0120PA00X+051931Y+022931 |
| 317GND_POWER | VIA | D0120PA00X+053900Y+022931 |
| 317GND_POWER | VIA | D0120PA00X+051144Y+025687 |
| 317GND_POWER | VIA | D0120PA00X+051537Y+022931 |
| 317GND_POWER | VIA | D0120PA00X+051931Y+021356 |
| 317GND_POWER | VIA | D0120PA00X+043000Y+024550 |
| 317GND_POWER | VIA | D0120PA00X+072250Y+007000 |
| 317GND_POWER | VIA | D0120PA00X+049569Y+022931 |
| 317GND_POWER | VIA | D0120PA00X+067000Y+007350 |
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| 317GND_POWER | VIA | D0120PA00X+047207Y+025293 |
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| 317GND_POWER | VIA | D0120PA00X+054687Y+021356 |
| 317GND_POWER | VIA | D0120PA00X+053900Y+020569 |
| 317GND_POWER | VIA | D0120PA00X+054687Y+019781 |
| 317GND_POWER | VIA | D0120PA00X+053112Y+019388 |
| 317GND_POWER | VIA | D0120PA00X+053506Y+019388 |
| 317GND_POWER | VIA | D0120PA00X+051931Y+018600 |
| 317GND_POWER | VIA | D0120PA00X+052719Y+017813 |
| 317GND_POWER | VIA | D0120PA00X+054293Y+018207 |
| 317GND_POWER | VIA | D0120PA00X+030750Y+024250 |
| 317GND_POWER | VIA | D0120PA00X+050356Y+024112 |
| 317GND_POWER | VIA | D0120PA00X+031250Y+024250 |
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| 317GND_POWER | VIA | D0120PA00X+032750Y+028000 |
| 317GND_POWER | VIA | D0120PA00X+028000Y+026450 |
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| 317GND_POWER | VIA | D0120PA00X+048781Y+025687 |
| 317GND_POWER | VIA | D0120PA00X+033250Y+028250 |
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| 317GND_POWER | VIA | D0120PA00X+049963Y+018600 |

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| 317GND_POWER | VIA | D0120PA00X+047600Y+018600 |
| 317GND_POWER | VIA | D0120PA00X+048388Y+018994 |
| 317GND_POWER | VIA | D0120PA00X+048388Y+019388 |
| 317GND_POWER | VIA | D0120PA00X+048781Y+017813 |
| 317GND_POWER | VIA | D0120PA00X+050356Y+017813 |
| 317GND_POWER | VIA | D0120PA00X+069250Y+022750 |
| 317GND_POWER | VIA | D0120PA00X+048388Y+024112 |
| 317GND_POWER | VIA | D0120PA00X+057750Y+024250 |
| 317GND_POWER | VIA | D0120PA00X+046419Y+026081 |
| 317GND_POWER | VIA | D0120PA00X+061550Y+011500 |
| 317GND_POWER | VIA | D0120PA00X+088000Y+026000 |
| 317GND_POWER | VIA | D0120PA00X+030750Y+018500 |
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| 317GND_POWER | VIA | D0120PA00X+032250Y+016500 |
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| 317GND_POWER | VIA | D0120PA00X+032750Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+032250Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+003500Y+002750 |
| 317GND_POWER | VIA | D0120PA00X- 001000Y+004500 |
| 317GND_POWER | VIA | D0120PA00X+085500Y+020000 |
| 317GND_POWER | VIA | D0120PA00X+089000Y+020000 |
| 317GND_POWER | VIA | D0120PA00X+089000Y+020500 |
| 317GND_POWER | VIA | D0120PA00X+088500Y+020500 |
| 317GND_POWER | VIA | D0120PA00X+086000Y+020500 |
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| 317GND_POWER | VIA | D0120PA00X+085500Y+018000 |
| 317GND_POWER | VIA | D0120PA00X+085500Y+021000 |
| 317GND_POWER | VIA | D0120PA00X+085500Y+021500 |
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| 317GND_POWER | VIA | D0120PA00X+085500Y+018500 |
| 317GND_POWER | VIA | D0120PA00X+086500Y+018500 |
| 317GND_POWER | VIA | D0120PA00X+085500Y+019000 |
| 317GND_POWER | VIA | D0120PA00X+040750Y+026250 |
| 317GND_POWER | VIA | D0120PA00X+094400Y+027750 |
| 317GND_POWER | VIA | D0120PA00X+092650Y+027750 |
| 317GND_POWER | VIA | D0120PA00X+086500Y+019000 |
| 317GND_POWER | VIA | D0120PA00X+086500Y+020000 |
| 317GND_POWER | VIA | D0120PA00X+085500Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+085500Y+017000 |
| 317GND_POWER | VIA | D0120PA00X+089000Y+017000 |
| 317GND_POWER | VIA | D0120PA00X+089000Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+089000Y+018500 |
| 317GND_POWER | VIA | D0120PA00X+089000Y+019000 |
| 317GND_POWER | VIA | D0120PA00X+088000Y+019000 |
| 317GND_POWER | VIA | D0120PA00X+022000Y+005000 |
| 317GND_POWER | VIA | D0120PA00X+089000Y+021000 |
| 317GND_POWER | VIA | D0120PA00X+063250Y+029550 |
| 317GND_POWER | VIA | D0120PA00X+016500Y+005000 |
| 317GND_POWER | VIA | D0120PA00X+088000Y+018500 |
| 317GND_POWER | VIA | D0120PA00X+088000Y+020000 |
| 317GND_POWER | VIA | D0120PA00X+086000Y+021500 |

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| 317GND_POWER | VIA | D0120PA00X+086000Y+021000 |
| 317GND_POWER | VIA | D0120PA00X+086000Y+020000 |
| 317GND_POWER | VIA | D0120PA00X+086000Y+019000 |
| 317GND_POWER | VIA | D0120PA00X+086000Y+018500 |
| 317GND_POWER | VIA | D0120PA00X+086000Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+086000Y+017000 |
| 317GND_POWER | VIA | D0120PA00X+088500Y+017000 |
| 317GND_POWER | VIA | D0120PA00X+088500Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+088500Y+018500 |
| 317GND_POWER | VIA | D0120PA00X+088500Y+020000 |
| 317GND_POWER | VIA | D0120PA00X+088500Y+021000 |
| 317GND_POWER | VIA | D0120PA00X+088500Y+021500 |
| 317GND_POWER | VIA | D0120PA00X+087000Y+021500 |
| 317GND_POWER | VIA | D0120PA00X+087000Y+021000 |
| 317GND_POWER | VIA | D0120PA00X+087000Y+020500 |
| 317GND_POWER | VIA | D0120PA00X+087000Y+018000 |
| 317GND_POWER | VIA | D0120PA00X+087000Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+087000Y+020000 |
| 317GND_POWER | VIA | D0120PA00X+030750Y+019500 |
| 317GND_POWER | VIA | D0120PA00X+029750Y+019500 |
| 317GND_POWER | VIA | D0120PA00X+032250Y+018500 |
| 317GND_POWER | VIA | D0120PA00X+032750Y+018000 |
| 317GND_POWER | VIA | D0120PA00X+032750Y+018500 |
| 317GND_POWER | VIA | D0120PA00X+034750Y+019500 |
| 317GND_POWER | VIA | D0120PA00X+035300Y+018850 |
| 317GND_POWER | VIA | D0120PA00X+082500Y+015000 |
| 317GND_POWER | VIA | D0120PA00X+082500Y+015500 |
| 317GND_POWER | VIA | D0120PA00X+087000Y+018500 |
| 317GND_POWER | VIA | D0120PA00X+087000Y+019000 |
| 317GND_POWER | VIA | D0120PA00X+088500Y+019000 |
| 317GND_POWER | VIA | D0120PA00X+087000Y+017000 |
| 317GND_POWER | VIA | D0120PA00X+073250Y+026750 |
| 317GND_POWER | VIA | D0120PA00X+072750Y+026750 |
| 317GND_POWER | VIA | D0120PA00X+096000Y+019750 |
| 317GND_POWER | VIA | D0120PA00X+096000Y+020250 |
| 317GND_POWER | VIA | D0120PA00X+093100Y+027750 |
| 317GND_POWER | VIA | D0120PA00X+091350Y+027750 |
| 317GND_POWER | VIA | D0120PA00X+049750Y+008750 |
| 317GND_POWER | VIA | D0120PA00X+010000Y+003500 |
| 317GND_POWER | VIA | D0120PA00X+011000Y+005000 |
| 317GND_POWER | VIA | D0120PA00X+034250Y+018750 |
| 317GND_POWER | VIA | D0120PA00X+089000Y+021500 |
| 317GND_POWER | VIA | D0120PA00X+030750Y+018000 |
| 317GND_POWER | VIA | D0120PA00X+030750Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+030750Y+017000 |
| 317GND_POWER | VIA | D0120PA00X+030750Y+016500 |
| 317GND_POWER | VIA | D0120PA00X+031250Y+016500 |
| 317GND_POWER | VIA | D0120PA00X+031250Y+017000 |
| 317GND_POWER | VIA | D0120PA00X+031250Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+031750Y+017000 |
| 317GND_POWER | VIA | D0120PA00X+031750Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+048450Y+008700 |
| 317GND_POWER | VIA | D0120PA00X+054500Y+028250 |
| 317GND_POWER | VIA | D0120PA00X+053500Y+028250 |
| 317GND_POWER | VIA | D0120PA00X+032250Y+017000 |
| 317GND_POWER | VIA | D0120PA00X+032750Y+017000 |
| 317GND_POWER | VIA | D0120PA00X+032500Y+027500 |
| 317GND_POWER | VIA | D0120PA00X+000750Y+013000 |
| 317GND_POWER | VIA | D0120PA00X+001750Y+013000 |
| 317GND_POWER | VIA | D0120PA00X+004500Y+006250 |
| 317GND_POWER | VIA | D0120PA00X+025500Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+027500Y+005000 |
| 317GND_POWER | VIA | D0120PA00X+024500Y- 001000 |

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| 317GND_POWER | VIA | D0120PA00X+000000Y+004500 |
| 317GND_POWER | VIA | D0120PA00X+067150Y+011500 |
| 317GND_POWER | VIA | D0120PA00X+067000Y+013250 |
| 317GND_POWER | VIA | D0120PA00X+052500Y+029000 |
| 317GND_POWER | VIA | D0120PA00X+056000Y+013750 |
| 317GND_POWER | VIA | D0120PA00X+056250Y+012750 |
| 317GND_POWER | VIA | D0120PA00X+048500Y+028250 |
| 317GND_POWER | VIA | D0120PA00X+081750Y+002000 |
| 317GND_POWER | VIA | D0120PA00X+088500Y+002000 |
| 317GND_POWER | VIA | D0120PA00X+072250Y+022250 |
| 317GND_POWER | VIA | D0120PA00X+072250Y+023250 |
| 317GND_POWER | VIA | D0120PA00X+045000Y+003500 |
| 317GND_POWER | VIA | D0120PA00X+072250Y+024500 |
| 317GND_POWER | VIA | D0120PA00X+070100Y+026900 |
| 317GND_POWER | VIA | D0120PA00X+093000Y+021250 |
| 317GND_POWER | VIA | D0120PA00X+096500Y+022250 |
| 317GND_POWER | VIA | D0120PA00X+095750Y+023000 |
| 317GND_POWER | VIA | D0120PA00X+095750Y+021500 |
| 317GND_POWER | VIA | D0120PA00X+095250Y+021750 |
| 317GND_POWER | VIA | D0120PA00X+096250Y+021750 |
| 317GND_POWER | VIA | D0120PA00X+096250Y+022750 |
| 317GND_POWER | VIA | D0120PA00X+095250Y+022750 |
| 317GND_POWER | VIA | D0120PA00X+068100Y+011500 |
| 317GND_POWER | VIA | D0120PA00X+099250Y+017500 |
| 317GND_POWER | VIA | D0120PA00X+058500Y+030750 |
| 317GND_POWER | VIA | D0120PA00X+059500Y+030750 |
| 317GND_POWER | VIA | D0120PA00X+050250Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+051250Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+030750Y+015500 |
| 317GND_POWER | VIA | D0120PA00X+029750Y+015500 |
| 317GND_POWER | VIA | D0120PA00X+071400Y+026900 |
| 317GND_POWER | VIA | D0120PA00X+014750Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+019250Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+056250Y+008750 |
| 317GND_POWER | VIA | D0120PA00X+047500Y+028250 |
| 317GND_POWER | VIA | D0120PA00X+097250Y+024750 |
| 317GND_POWER | VIA | D0120PA00X+098250Y+024750 |
| 317GND_POWER | VIA | D0120PA00X+095000Y+022250 |
| 317GND_POWER | VIA | D0120PA00X+091000Y+010500 |
| 317GND_POWER | VIA | D0120PA00X+037750Y+029000 |
| 317GND_POWER | VIA | D0120PA00X+033750Y+028000 |
| 317GND_POWER | VIA | D0120PA00X+069000Y+028000 |
| 317GND_POWER | VIA | D0120PA00X+033750Y+026950 |
| 317GND_POWER | VIA | D0120PA00X+034000Y+027500 |
| 317GND_POWER | VIA | D0120PA00X+084500Y+004750 |
| 317GND_POWER | VIA | D0120PA00X+084750Y+027000 |
| 317GND_POWER | VIA | D0120PA00X+083000Y+003500 |
| 317GND_POWER | VIA | D0120PA00X+020250Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+027500Y+013850 |
| 317GND_POWER | VIA | D0120PA00X+028750Y+015500 |
| 317GND_POWER | VIA | D0120PA00X+031750Y+015500 |
| 317GND_POWER | VIA | D0120PA00X+032750Y+015500 |
| 317GND_POWER | VIA | D0120PA00X+034000Y+003500 |
| 317GND_POWER | VIA | D0120PA00X+013750Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+009500Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+008500Y- 001000 |
| 317GND_POWER | VIA | D0120PA00X+029150Y+018850 |
| 317GND_POWER | VIA | D0120PA00X+037500Y+019650 |
| 327HRESET_L | J8 - 7 | A01X+083000Y+028630 |
| 327HRESET_L | R106 - 2 | A08X+079250Y+014590 |
| 327HRESET_L | U8 - 45 | A01X+046616Y+025096 |
| 327HRESET_L | U11 - 230 | A01X+084250Y+017750 |
| 317HRESET_L | VIA | D0120PA00X+046750Y+028600 |

| IPC | | | |
|--------------|------|-------|---------------------------|
| 317HRESET_L | VIA | | D0120PA00X+046419Y+025293 |
| 317HRESET_L | VIA | | D0120PA00X+083000Y+027700 |
| 317HRESET_L | VIA | | D0120PA00X+084000Y+017500 |
| 327I2C_SCK_8 | J11 | - 5 | A01X+062008Y+008920 |
| 327I2C_SCK_8 | U8 | - 7 | A01X+048978Y+025884 |
| 317I2C_SCK_8 | VIA | | D0120PA00X+061500Y+025250 |
| 317I2C_SCK_8 | VIA | | D0120PA00X+062050Y+013750 |
| 317I2C_SCK_8 | VIA | | D0120PA00X+048781Y+026081 |
| 317I2C_SCK_8 | VIA | | D0120PA00X+062100Y+009750 |
| 327I2C_SCK_9 | J12 | - 5 | A01X+067618Y+008920 |
| 327I2C_SCK_9 | U8 | - 30 | A01X+049372Y+025490 |
| 317I2C_SCK_9 | VIA | | D0120PA00X+068000Y+024500 |
| 317I2C_SCK_9 | VIA | | D0120PA00X+068050Y+013750 |
| 317I2C_SCK_9 | VIA | | D0120PA00X+049175Y+025687 |
| 317I2C_SCK_9 | VIA | | D0120PA00X+067600Y+009750 |
| 327I2C_SDA_8 | J11 | - 4 | A01X+061693Y+008920 |
| 327I2C_SDA_8 | U8 | - 6 | A01X+048585Y+025884 |
| 317I2C_SDA_8 | VIA | | D0120PA00X+061750Y+013750 |
| 317I2C_SDA_8 | VIA | | D0120PA00X+061550Y+027500 |
| 317I2C_SDA_8 | VIA | | D0120PA00X+061800Y+009750 |
| 317I2C_SDA_8 | VIA | | D0120PA00X+048388Y+026081 |
| 327I2C_SDA_9 | J12 | - 4 | A01X+067303Y+008920 |
| 327I2C_SDA_9 | U8 | - 52 | A01X+049372Y+025096 |
| 317I2C_SDA_9 | VIA | | D0120PA00X+067300Y+009750 |
| 317I2C_SDA_9 | VIA | | D0120PA00X+067350Y+013750 |
| 317I2C_SDA_9 | VIA | | D0120PA00X+067500Y+024750 |
| 317I2C_SDA_9 | VIA | | D0120PA00X+049175Y+025293 |
| 327MI MDC | U12 | - 99 | A01X+033561Y+021683 |
| 327MI MDC | U11 | - 280 | A01X+090250Y+016750 |
| 317MI MDC | VIA | | D0120PA00X+033300Y+021100 |
| 317MI MDC | VIA | | D0120PA00X+090500Y+016500 |
| 327MI MDI 0 | U12 | - 98 | A01X+033719Y+021683 |
| 327MI MDI 0 | U11 | - 149 | A01X+091250Y+020250 |
| 317MI MDI 0 | VIA | | D0120PA00X+033750Y+022450 |
| 317MI MDI 0 | VIA | | D0120PA00X+091500Y+020500 |
| 327MI IRXCLK | U11 | - 356 | A01X+090750Y+014750 |
| 327MI IRXCLK | U12 | - 79 | A01X+035933Y+019469 |
| 317MI IRXCLK | VIA | | D0120PA00X+037000Y+019650 |
| 317MI IRXCLK | VIA | | D0120PA00X+090750Y+013200 |
| 327MI IRXD0 | U12 | - 76 | A01X+035933Y+018996 |
| 327MI IRXD0 | U11 | - 357 | A01X+091250Y+014750 |
| 317MI IRXD0 | VIA | | D0120PA00X+037000Y+019200 |
| 317MI IRXD0 | VIA | | D0120PA00X+091500Y+014500 |
| 327MI IRXD1 | R113 | - 2 | A08X+092000Y+011590 |
| 327MI IRXD1 | U12 | - 75 | A01X+035933Y+018839 |
| 327MI IRXD1 | U11 | - 339 | A01X+091250Y+015250 |
| 317MI IRXD1 | VIA | | D0120PA00X+037000Y+018600 |
| 317MI IRXD1 | VIA | | D0120PA00X+091750Y+012950 |
| 317MI IRXD1 | VIA | | D0120PA00X+091500Y+015000 |
| 327MI IRXD2 | U12 | - 74 | A01X+035933Y+018681 |
| 327MI IRXD2 | U11 | - 340 | A01X+091750Y+015250 |
| 317MI IRXD2 | VIA | | D0120PA00X+036550Y+018600 |
| 317MI IRXD2 | VIA | | D0120PA00X+092000Y+015000 |
| 327MI IRXD3 | U12 | - 73 | A01X+035933Y+018524 |
| 327MI IRXD3 | U11 | - 319 | A01X+090750Y+015750 |
| 317MI IRXD3 | VIA | | D0120PA00X+036550Y+018250 |
| 317MI IRXD3 | VIA | | D0120PA00X+091000Y+015500 |
| 327MI IRXDV | U12 | - 77 | A01X+035933Y+019154 |
| 327MI IRXDV | U11 | - 337 | A01X+090250Y+015250 |
| 317MI IRXDV | VIA | | D0120PA00X+036550Y+019200 |
| 317MI IRXDV | VIA | | D0120PA00X+091250Y+012950 |
| 317MI IRXDV | VIA | | D0120PA00X+090500Y+015000 |
| 327MI ITXCLK | U11 | - 354 | A01X+089750Y+014750 |

| IPC | | | |
|-------------|------|-------|---------------------------|
| 327MIITXCLK | U12 | - 81 | A01X+035933Y+019783 |
| 317MIITXCLK | VIA | | D0120PA00X+036550Y+019650 |
| 317MIITXCLK | VIA | | D0120PA00X+089750Y+012950 |
| 327MIITXD0 | U12 | - 83 | A01X+035933Y+020098 |
| 327MIITXD0 | U11 | - 338 | A01X+090750Y+015250 |
| 317MIITXD0 | VIA | | D0120PA00X+036550Y+020150 |
| 317MIITXD0 | VIA | | D0120PA00X+091000Y+015000 |
| 327MIITXD1 | U12 | - 84 | A01X+035933Y+020256 |
| 327MIITXD1 | U11 | - 355 | A01X+090250Y+014750 |
| 317MIITXD1 | VIA | | D0120PA00X+037000Y+020550 |
| 317MIITXD1 | VIA | | D0120PA00X+090500Y+014500 |
| 327MIITXD2 | U12 | - 86 | A01X+035933Y+020571 |
| 327MIITXD2 | U11 | - 318 | A01X+090250Y+015750 |
| 317MIITXD2 | VIA | | D0120PA00X+036550Y+020550 |
| 317MIITXD2 | VIA | | D0120PA00X+090500Y+015500 |
| 327MIITXD3 | U12 | - 87 | A01X+035933Y+020728 |
| 327MIITXD3 | U11 | - 317 | A01X+089750Y+015750 |
| 317MIITXD3 | VIA | | D0120PA00X+037000Y+021000 |
| 317MIITXD3 | VIA | | D0120PA00X+090000Y+015500 |
| 327MIITXEN | U11 | - 336 | A01X+089750Y+015250 |
| 327MIITXEN | U12 | - 82 | A01X+035933Y+019941 |
| 317MIITXEN | VIA | | D0120PA00X+037000Y+020150 |
| 317MIITXEN | VIA | | D0120PA00X+090000Y+013550 |
| 327MIITXER | U12 | - 88 | A01X+035933Y+020886 |
| 327MIITXER | U11 | - 299 | A01X+090250Y+016250 |
| 317MIITXER | VIA | | D0120PA00X+036550Y+021000 |
| 317MIITXER | VIA | | D0120PA00X+090500Y+016000 |
| 327N500216 | J6 | - 1 | A01X+006660Y+032500 |
| 327N500216 | F1 | - 1 | A01X+003500Y+033250 |
| 327N500243 | F2 | - 1 | A01X+011000Y+033250 |
| 327N500243 | J6 | - 2 | A01X+007840Y+032500 |
| 327N500270 | F2 | - 2 | A01X+011000Y+031250 |
| 327N500270 | D2 | - 1 | A01X+008750Y+030650 |
| 327N500293 | F3 | - 1 | A01X+015000Y+033250 |
| 327N500293 | J7 | - 1 | A01X+018160Y+032500 |
| 327N500347 | F4 | - 2 | A01X+022500Y+031250 |
| 327N500347 | D4 | - 1 | A01X+020250Y+030650 |
| 327N500404 | C71 | - 2 | A08X+007250Y+025700 |
| 327N500404 | C11 | - 2 | A01X+009000Y+024750 |
| 327N500404 | D4 | - 2 | A01X+020250Y+027840 |
| 327N500404 | C12 | - 2 | A01X+020500Y+024750 |
| 327N500404 | L1 | - 1 | A01X+011350Y+028300 |
| 327N500404 | D2 | - 2 | A01X+008750Y+027840 |
| 317N500404 | VIA | | D0200PA00X+008250Y+025750 |
| 327N579357 | U11 | - 191 | A01X+083750Y+018750 |
| 327N579357 | R88 | - 2 | A08X+078500Y+017340 |
| 317N579357 | VIA | | D0120PA00X+078400Y+018000 |
| 327N817960 | R114 | - 1 | A08X+091000Y+011590 |
| 327N817960 | U11 | - 298 | A01X+089750Y+016250 |
| 317N817960 | VIA | | D0120PA00X+090000Y+016000 |
| 327N823876 | R61 | - 1 | A08X+079500Y+021910 |
| 327N823876 | U11 | - 135 | A01X+084250Y+020250 |
| 317N823876 | VIA | | D0120PA00X+081100Y+020900 |
| 317N823876 | VIA | | D0120PA00X+084000Y+020500 |
| 327N1017343 | R87 | - 2 | A08X+079500Y+017340 |
| 327N1017343 | U11 | - 211 | A01X+084250Y+018250 |
| 317N1017343 | VIA | | D0120PA00X+080000Y+017500 |
| 317N1017343 | VIA | | D0120PA00X+084000Y+018000 |
| 327N1032130 | U11 | - 285 | A01X+083250Y+016250 |
| 327N1032130 | C31 | - 1 | A01X+079750Y+013880 |
| 327N1032130 | C30 | - 1 | A01X+078500Y+013880 |
| 327N1032788 | C31 | - 2 | A01X+079750Y+014620 |
| 327N1032788 | U11 | - 284 | A01X+082750Y+016250 |

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|-------------|------|-------|---------------------------|
| 327N1032788 | C138 | - 1 | A08X+074000Y+014590 |
| 327N1032788 | L2 | - 2 | A01X+074000Y+015370 |
| 327N1032788 | C28 | - 1 | A01X+075750Y+014800 |
| 327N1032788 | C29 | - 1 | A01X+077250Y+014800 |
| 327N1032788 | C30 | - 2 | A01X+078500Y+014620 |
| 317N1032788 | VIA | | D0120PA00X+074500Y+014500 |
| 327N1046393 | R123 | - 1 | A08X+080250Y+011590 |
| 327N1046393 | U11 | - 248 | A01X+083750Y+017250 |
| 317N1046393 | VIA | | D0120PA00X+083500Y+017000 |
| 327N1142344 | U11 | - 56 | A01X+082750Y+022250 |
| 327N1142344 | R50 | - 2 | A08X+079500Y+023660 |
| 317N1142344 | VIA | | D0120PA00X+080000Y+023750 |
| 327N1377328 | R42 | - 1 | A08X+084750Y+025910 |
| 327N1377328 | U11 | - 24 | A01X+085750Y+023250 |
| 317N1377328 | VIA | | D0120PA00X+085500Y+023500 |
| 327N1479258 | U11 | - 189 | A01X+082750Y+018750 |
| 327N1479258 | R89 | - 2 | A08X+077500Y+017340 |
| 317N1479258 | VIA | | D0120PA00X+077500Y+018000 |
| 327N5375608 | D1 | - 2 | A01X+005750Y+030910 |
| 327N5375608 | F1 | - 2 | A01X+003500Y+031250 |
| 327N5375631 | C71 | - 1 | A08X+007250Y+026800 |
| 327N5375631 | D1 | - 1 | A01X+005750Y+028100 |
| 327N5375631 | C11 | - 1 | A01X+005500Y+024750 |
| 327N5375631 | D3 | - 1 | A01X+017250Y+028100 |
| 327N5375631 | L1 | - 3 | A01X+014650Y+028300 |
| 327N5375631 | C12 | - 1 | A01X+017000Y+024750 |
| 317N5375631 | VIA | | D0200PA00X+006250Y+026750 |
| 327N5375654 | F3 | - 2 | A01X+015000Y+031250 |
| 327N5375654 | D3 | - 2 | A01X+017250Y+030910 |
| 327N6054221 | R68 | - 1 | A08X+095000Y+020160 |
| 327N6054221 | U11 | - 131 | A01X+091750Y+020750 |
| 317N6054221 | VIA | | D0120PA00X+092000Y+021000 |
| 327N6104511 | R119 | - 2 | A08X+084250Y+011590 |
| 327N6104511 | U11 | - 287 | A01X+084250Y+016250 |
| 317N6104511 | VIA | | D0120PA00X+084000Y+016000 |
| 327N6144703 | R6 | - 1 | A01X+083250Y+011590 |
| 327N6144703 | U11 | - 342 | A01X+083750Y+014750 |
| 327N6145353 | U11 | - 171 | A01X+083250Y+019250 |
| 327N6145353 | R81 | - 2 | A08X+079500Y+019090 |
| 317N6145353 | VIA | | D0120PA00X+080000Y+019250 |
| 327N6152563 | U11 | - 151 | A01X+082750Y+019750 |
| 327N6152563 | R84 | - 2 | A08X+074500Y+019090 |
| 317N6152563 | VIA | | D0120PA00X+074900Y+019250 |
| 327N6155069 | R133 | - 2 | A08X+082250Y+009840 |
| 327N6155069 | U11 | - 268 | A01X+084250Y+016750 |
| 317N6155069 | VIA | | D0120PA00X+084000Y+016500 |
| 327N6155488 | R122 | - 2 | A08X+081250Y+011590 |
| 327N6155488 | U11 | - 267 | A01X+083750Y+016750 |
| 317N6155488 | VIA | | D0120PA00X+083500Y+016500 |
| 327N6159353 | R69 | - 1 | A08X+094000Y+020160 |
| 327N6159353 | U11 | - 130 | A01X+091250Y+020750 |
| 317N6159353 | VIA | | D0120PA00X+091500Y+021000 |
| 327N6399172 | R117 | - 2 | A08X+086500Y+011590 |
| 327N6399172 | U11 | - 288 | A01X+084750Y+016250 |
| 317N6399172 | VIA | | D0120PA00X+084500Y+016000 |
| 327N6637811 | U11 | - 152 | A01X+083250Y+019750 |
| 327N6637811 | R82 | - 2 | A08X+078500Y+019090 |
| 317N6637811 | VIA | | D0120PA00X+079000Y+019250 |
| 327N6639521 | R129 | - 2 | A08X+086500Y+009840 |
| 327N6639521 | U11 | - 289 | A01X+085250Y+016250 |
| 317N6639521 | VIA | | D0120PA00X+085000Y+016000 |
| 327N6643472 | R4 | - 2 | A01X+081250Y+011590 |
| 327N6643472 | U11 | - 341 | A01X+083250Y+014750 |

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|--------------|------|-------|---------------------------|
| 327N6644760 | R121 | - 2 | A08X+082250Y+011590 |
| 327N6644760 | U11 | - 305 | A01X+083750Y+015750 |
| 317N6644760 | VIA | | D0120PA00X+083500Y+015500 |
| 327N6646039 | R120 | - 2 | A08X+083250Y+011590 |
| 327N6646039 | U11 | - 306 | A01X+084250Y+015750 |
| 317N6646039 | VIA | | D0120PA00X+084000Y+015500 |
| 327N6646470 | R118 | - 2 | A08X+085250Y+011590 |
| 327N6646470 | U11 | - 307 | A01X+084750Y+015750 |
| 317N6646470 | VIA | | D0120PA00X+084500Y+015500 |
| 327N6649021 | U11 | - 113 | A01X+082750Y+020750 |
| 327N6649021 | R51 | - 2 | A08X+078500Y+023660 |
| 317N6649021 | VIA | | D0120PA00X+080300Y+022650 |
| 327N6649452 | U11 | - 114 | A01X+083250Y+020750 |
| 327N6649452 | R62 | - 2 | A08X+078500Y+021910 |
| 317N6649452 | VIA | | D0120PA00X+080150Y+022250 |
| 327N6649883 | R70 | - 2 | A08X+079500Y+020160 |
| 327N6649883 | U11 | - 154 | A01X+084250Y+019750 |
| 317N6649883 | VIA | | D0120PA00X+080000Y+020250 |
| 317N6649883 | VIA | | D0120PA00X+084000Y+020000 |
| 327N6650314 | U11 | - 172 | A01X+083750Y+019250 |
| 327N6650314 | R91 | - 2 | A08X+075500Y+017340 |
| 317N6650314 | VIA | | D0120PA00X+077900Y+018850 |
| 317N6650314 | VIA | | D0120PA00X+080350Y+018500 |
| 317N6650314 | VIA | | D0120PA00X+075500Y+018000 |
| 327N6650745 | U11 | - 132 | A01X+082750Y+020250 |
| 327N6650745 | R71 | - 2 | A08X+078500Y+020160 |
| 317N6650745 | VIA | | D0120PA00X+079000Y+020250 |
| 327N6652872 | U11 | - 75 | A01X+082750Y+021750 |
| 327N6652872 | R52 | - 2 | A08X+077500Y+023660 |
| 317N6652872 | VIA | | D0120PA00X+077900Y+023750 |
| 327N6653314 | R44 | - 2 | A08X+082250Y+025910 |
| 327N6653314 | U11 | - 76 | A01X+083250Y+021750 |
| 317N6653314 | VIA | | D0120PA00X+081200Y+023500 |
| 327N6653756 | R74 | - 2 | A08X+075500Y+020160 |
| 327N6653756 | U11 | - 116 | A01X+084250Y+020750 |
| 317N6653756 | VIA | | D0120PA00X+076950Y+021050 |
| 317N6653756 | VIA | | D0120PA00X+084000Y+021000 |
| 327N6654198 | R65 | - 2 | A08X+075500Y+021910 |
| 327N6654198 | U11 | - 77 | A01X+083750Y+021750 |
| 317N6654198 | VIA | | D0120PA00X+076000Y+022000 |
| 317N6654198 | VIA | | D0120PA00X+083500Y+022000 |
| 327N6740380 | U11 | - 94 | A01X+082750Y+021250 |
| 327N6740380 | R53 | - 2 | A08X+076500Y+023660 |
| 317N6740380 | VIA | | D0120PA00X+077000Y+023750 |
| 327N9046949 | R134 | - 2 | A08X+081250Y+009840 |
| 327N9046949 | U11 | - 286 | A01X+083750Y+016250 |
| 317N9046949 | VIA | | D0120PA00X+083500Y+016000 |
| 327N9069949 | R48 | - 2 | A08X+091000Y+024910 |
| 327N9069949 | U11 | - 53 | A01X+090750Y+022750 |
| 317N9069949 | VIA | | D0120PA00X+091000Y+023000 |
| 327N10073511 | J7 | - 2 | A01X+019340Y+032500 |
| 327N10073511 | F4 | - 1 | A01X+022500Y+033250 |
| 327N10418472 | R7 | - 2 | A01X+001840Y+006250 |
| 327N10418472 | D9 | - 2 | A01X+003040Y+006250 |
| 327N10420029 | R60 | - 2 | A08X+013750Y+022410 |
| 327N10420029 | U6 | - 2 | A01X+013866Y+022622 |
| 317N10420029 | VIA | | D0200PA00X+014500Y+022500 |
| 317N10420071 | U15 | - 3 | D0520PA00X+019500Y+011500 |
| 327N10420071 | C33 | - 1 | A01X+023250Y+013000 |
| 327N10420071 | C79 | - 1 | A08X+013000Y+026270 |
| 327N10420071 | L1 | - 4 | A01X+014650Y+024200 |
| 327N10420071 | U6 | - 8 | A01X+012134Y+022366 |
| 327N10420071 | R60 | - 1 | A08X+013750Y+023090 |

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| 317N10420071 | VIA | | D0200PA00X+015250Y+026250 |
| 317N10420071 | VIA | | D0200PA00X+015250Y+025750 |
| 317N10420071 | VIA | | D0200PA00X+014750Y+026250 |
| 317N10420071 | VIA | | D0200PA00X+014750Y+025250 |
| 317N10420071 | VIA | | D0200PA00X+015250Y+025250 |
| 317N10420071 | VIA | | D0200PA00X+014250Y+025750 |
| 317N10420071 | VIA | | D0200PA00X+014250Y+026250 |
| 317N10420071 | VIA | | D0200PA00X+014250Y+025250 |
| 317N10420071 | VIA | | D0200PA00X+014750Y+025750 |
| 317N10420071 | VIA | | D0200PA00X+013750Y+023750 |
| 317N10420071 | VIA | | D0200PA00X+011250Y+021750 |
| 327N10420144 | C88 | - 2 | A08X+015250Y+024050 |
| 327N10420144 | C79 | - 2 | A08X+013000Y+024730 |
| 327N10420144 | C90 | - 2 | A08X+012250Y+023120 |
| 327N10420144 | L1 | - 2 | A01X+011350Y+024200 |
| 327N10420144 | R66 | - 2 | A08X+010250Y+023300 |
| 327N10420144 | U6 | - 5 | A01X+012134Y+023134 |
| 317N10420144 | VIA | | D0200PA00X+011250Y+023250 |
| 327N10420333 | R104 | - 1 | A08X+019500Y+016340 |
| 317N10420333 | U15 | - 1 | D0520PA00X+019500Y+017500 |
| 327N10420333 | U2 | - 2 | A01X+001000Y+024250 |
| 327N10420333 | C33 | - 2 | A01X+023250Y+016500 |
| 327N10420376 | U6 | - 7 | A01X+012134Y+022622 |
| 327N10420376 | U2 | - 1 | A01X+002000Y+028750 |
| 317N10420376 | VIA | | D0200PA00X+002750Y+028250 |
| 317N10420376 | VIA | | D0200PA00X+013000Y+022750 |
| 327N10421127 | R66 | - 1 | A08X+010250Y+022200 |
| 327N10421127 | U6 | - 6 | A01X+012134Y+022878 |
| 327N10421127 | U2 | - 3 | A01X+000000Y+028750 |
| 317N10421127 | VIA | | D0200PA00X- 000750Y+028250 |
| 317N10421127 | VIA | | D0200PA00X+011250Y+022750 |
| 327N11013329 | L5 | - 2 | A08X+062750Y+010410 |
| 327N11013329 | C154 | - 1 | A08X+062750Y+012160 |
| 327N11013329 | J11 | - 15 | A01X+062166Y+012149 |
| 327N11013329 | C164 | - 1 | A08X+062750Y+009050 |
| 317N11013329 | VIA | | D0120PA00X+062150Y+011500 |
| 327N11013337 | L6 | - 2 | A08X+061500Y+010410 |
| 327N11013337 | C155 | - 1 | A08X+061250Y+012160 |
| 327N11013337 | J11 | - 16 | A01X+061851Y+012149 |
| 327N11013337 | C165 | - 1 | A08X+061500Y+009050 |
| 317N11013337 | VIA | | D0120PA00X+061850Y+011500 |
| 327N11013351 | J11 | - 12 | A01X+063111Y+012149 |
| 327N11013351 | U12 | - 46 | A01X+035933Y+014272 |
| 317N11013351 | VIA | | D0120PA00X+040100Y+014700 |
| 317N11013351 | VIA | | D0120PA00X+038050Y+013700 |
| 327N11013359 | U12 | - 47 | A01X+035933Y+014429 |
| 327N11013359 | J11 | - 13 | A01X+062796Y+012149 |
| 317N11013359 | VIA | | D0120PA00X+038350Y+013700 |
| 317N11013359 | VIA | | D0120PA00X+040450Y+014700 |
| 327N11696402 | U14 | - 2 | A01X+097750Y+017850 |
| 327N11696402 | U14 | - 7 | A01X+097750Y+015650 |
| 327N11696402 | R86 | - 1 | A08X+097000Y+017660 |
| 327N11696402 | U14 | - 3 | A01X+097250Y+017850 |
| 317N11696402 | VIA | | D0120PA00X+097250Y+017150 |
| 327N11697011 | U14 | - 1 | A01X+098250Y+017850 |
| 327N11697011 | R85 | - 2 | A08X+098250Y+018340 |
| 317N11697011 | VIA | | D0120PA00X+098250Y+018800 |
| 327N13243085 | R108 | - 2 | A08X+065810Y+013800 |
| 327N13243085 | D7 | - 1 | A01X+065810Y+013546 |
| 317N13243085 | VIA | | D0120PA00X+065250Y+013750 |
| 327N13243115 | R107 | - 2 | A08X+069590Y+013800 |
| 327N13243115 | D8 | - 1 | A01X+069590Y+013546 |
| 317N13243115 | VIA | | D0120PA00X+070250Y+013750 |

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| 327N14558055 | R46 | - 2 | A08X+060500Y+025910 |
| 327N14558055 | U4 | - 10 | A01X+060652Y+026079 |
| 327N14558055 | U8 | - 437 | A01X+053703Y+018404 |
| 317N14558055 | VIA | | D0120PA00X+059850Y+017400 |
| 317N14558055 | VIA | | D0120PA00X+053900Y+018207 |
| 317N14558055 | VIA | | D0120PA00X+061000Y+026000 |
| 327N14558892 | U4 | - 17 | A01X+059116Y+028421 |
| 327N14558892 | U8 | - 115 | A01X+048191Y+023915 |
| 317N14558892 | VIA | | D0120PA00X+047994Y+024112 |
| 317N14558892 | VIA | | D0120PA00X+058600Y+026800 |
| 327N14560582 | R47 | - 2 | A08X+059500Y+025910 |
| 327N14560582 | U4 | - 7 | A01X+059884Y+026079 |
| 327N14560582 | U8 | - 48 | A01X+047797Y+025096 |
| 317N14560582 | VIA | | D0120PA00X+047600Y+025293 |
| 317N14560582 | VIA | | D0120PA00X+059750Y+027000 |
| 327N14560685 | U4 | - 3 | A01X+058860Y+026079 |
| 327N14560685 | U8 | - 460 | A01X+054096Y+018010 |
| 317N14560685 | VIA | | D0120PA00X+057850Y+018000 |
| 317N14560685 | VIA | | D0120PA00X+054293Y+017813 |
| 327N14560831 | U4 | - 1 | A01X+058348Y+026079 |
| 327N14560831 | U8 | - 482 | A01X+054096Y+017616 |
| 317N14560831 | VIA | | D0120PA00X+057200Y+017400 |
| 317N14560831 | VIA | | D0120PA00X+054293Y+017419 |
| 327N14561074 | U4 | - 8 | A01X+060140Y+026079 |
| 327N14561074 | R56 | - 2 | A08X+060500Y+024840 |
| 327N14561074 | U8 | - 387 | A01X+051341Y+019191 |
| 317N14561074 | VIA | | D0120PA00X+059250Y+025250 |
| 317N14561074 | VIA | | D0120PA00X+060500Y+025250 |
| 317N14561074 | VIA | | D0120PA00X+051537Y+018994 |
| 327N14562791 | R41 | - 2 | A08X+046500Y+027160 |
| 327N14562791 | U8 | - 2 | A01X+047010Y+025884 |
| 317N14562791 | VIA | | D0120PA00X+046813Y+026081 |
| 327N15566247 | R49 | - 2 | A08X+040750Y+025160 |
| 327N15566247 | U3 | - 3 | A01X+040750Y+023750 |
| 317N15566247 | VIA | | D0120PA00X+040750Y+024550 |
| 327N17272522 | Q2 | - 1 | A01X+040840Y+018911 |
| 327N17272522 | U12 | - 65 | A01X+035933Y+017264 |
| 327N17272629 | Q2 | - 3 | A01X+042660Y+018911 |
| 327N17272629 | R77 | - 2 | A08X+041750Y+019700 |
| 317N17272629 | VIA | | D0120PA00X+042650Y+019550 |
| 317N17272629 | VIA | | D0120PA00X+042650Y+019900 |
| 327N17274186 | Q1 | - 1 | A01X+037590Y+018911 |
| 327N17274186 | U12 | - 67 | A01X+035933Y+017579 |
| 327N17274251 | Q1 | - 3 | A01X+039410Y+018911 |
| 327N17274251 | R78 | - 2 | A08X+038500Y+019700 |
| 317N17274251 | VIA | | D0120PA00X+039400Y+019550 |
| 317N17274251 | VIA | | D0120PA00X+039400Y+019900 |
| 327N17279900 | R3 | - 1 | A01X+026500Y+014090 |
| 327N17279900 | U12 | - 174 | A01X+027567Y+014429 |
| 327N17306703 | U12 | - 137 | A01X+027567Y+020256 |
| 327N17306703 | U5 | - 2 | A01X+027000Y+024900 |
| 327N17306741 | U12 | - 138 | A01X+027567Y+020098 |
| 327N17306741 | U5 | - 1 | A01X+026500Y+024900 |
| 327N17306774 | U12 | - 136 | A01X+027567Y+020413 |
| 327N17306774 | U5 | - 3 | A01X+027500Y+024900 |
| 327N17306812 | U12 | - 133 | A01X+027567Y+020886 |
| 327N17306812 | U5 | - 4 | A01X+028000Y+024900 |
| 327N17307942 | U12 | - 109 | A01X+031986Y+021683 |
| 327N17307942 | R59 | - 2 | A08X+031750Y+022910 |
| 317N17307942 | VIA | | D0120PA00X+031750Y+022450 |
| 327N17307944 | U12 | - 107 | A01X+032301Y+021683 |
| 327N17307944 | R58 | - 2 | A08X+032750Y+022910 |
| 317N17307944 | VIA | | D0120PA00X+032750Y+022450 |

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|--------------|------|------|---------------------------|
| 327N17314032 | L4 | - 2 | A08X+067000Y+010410 |
| 327N17314032 | C153 | - 1 | A08X+067000Y+012160 |
| 327N17314032 | J12 | - 16 | A01X+067461Y+012149 |
| 327N17314032 | C163 | - 1 | A08X+067000Y+009050 |
| 317N17314032 | VIA | | D0120PA00X+067450Y+011500 |
| 327N17314194 | J12 | - 13 | A01X+068406Y+012149 |
| 327N17314194 | U12 | - 59 | A01X+035933Y+016319 |
| 317N17314194 | VIA | | D0120PA00X+041450Y+015400 |
| 317N17314194 | VIA | | D0120PA00X+038350Y+015000 |
| 327N17314210 | L3 | - 2 | A08X+068250Y+010410 |
| 327N17314210 | C152 | - 1 | A08X+068500Y+012160 |
| 327N17314210 | C162 | - 1 | A08X+068250Y+009050 |
| 327N17314210 | J12 | - 15 | A01X+067776Y+012149 |
| 317N17314210 | VIA | | D0120PA00X+067800Y+011500 |
| 327N17314274 | U12 | - 63 | A01X+035933Y+016949 |
| 327N17314274 | J12 | - 18 | A01X+066831Y+012149 |
| 327N17314350 | J12 | - 12 | A01X+068721Y+012149 |
| 327N17314350 | U12 | - 58 | A01X+035933Y+016161 |
| 317N17314350 | VIA | | D0120PA00X+041450Y+015700 |
| 317N17314350 | VIA | | D0120PA00X+038050Y+015000 |
| 327N17314388 | J12 | - 19 | A01X+066516Y+012149 |
| 327N17314388 | U12 | - 62 | A01X+035933Y+016791 |
| 327N17315943 | U12 | - 51 | A01X+035933Y+015059 |
| 327N17315943 | J11 | - 18 | A01X+061221Y+012149 |
| 327N17315995 | J11 | - 19 | A01X+060906Y+012149 |
| 327N17315995 | U12 | - 50 | A01X+035933Y+014902 |
| 327N17319112 | D6 | - 2 | A01X+063980Y+014734 |
| 327N17319112 | U12 | - 92 | A01X+034663Y+021683 |
| 317N17319112 | VIA | | D0120PA00X+034300Y+020600 |
| 317N17319112 | VIA | | D0120PA00X+064000Y+015500 |
| 327N17319118 | D5 | - 1 | A01X+060200Y+013546 |
| 327N17319118 | R110 | - 2 | A08X+060200Y+013800 |
| 317N17319118 | VIA | | D0120PA00X+059500Y+013750 |
| 327N17319143 | R109 | - 2 | A08X+063980Y+013800 |
| 327N17319143 | D6 | - 1 | A01X+063980Y+013546 |
| 317N17319143 | VIA | | D0120PA00X+063450Y+013750 |
| 327N17339210 | R26 | - 2 | A01X+035000Y+003910 |
| 317N17339210 | J14 | - 1 | D0380PA00X+033500Y+001300 |
| 327N17339210 | U12 | - 26 | A01X+032301Y+013317 |
| 327N17339211 | U12 | - 23 | A01X+031829Y+013317 |
| 327N17339211 | R24 | - 2 | A01X+033000Y+003910 |
| 317N17339211 | J14 | - 4 | D0380PA00X+035000Y+002300 |
| 327N17339214 | R27 | - 2 | A01X+036000Y+003910 |
| 317N17339214 | J14 | - 3 | D0380PA00X+034500Y+001300 |
| 327N17339214 | U12 | - 27 | A01X+032459Y+013317 |
| 327N17339217 | U12 | - 24 | A01X+031986Y+013317 |
| 327N17339217 | R25 | - 2 | A01X+034000Y+003910 |
| 317N17339217 | J14 | - 6 | D0380PA00X+036000Y+002300 |
| 317N17339219 | J14 | - 37 | D0380PA00X+050000Y+001300 |
| 327N17339219 | R37 | - 2 | A01X+050500Y+003910 |
| 327N17339219 | U12 | - 40 | A01X+034506Y+013317 |
| 317N17339222 | J14 | - 39 | D0380PA00X+051000Y+001300 |
| 327N17339222 | R36 | - 2 | A01X+049500Y+003910 |
| 327N17339222 | U12 | - 39 | A01X+034348Y+013317 |
| 327N17339225 | R39 | - 2 | A01X+052500Y+003910 |
| 317N17339225 | J14 | - 40 | D0380PA00X+051500Y+002300 |
| 327N17339225 | U12 | - 43 | A01X+034978Y+013317 |
| 327N17339228 | R38 | - 2 | A01X+051500Y+003910 |
| 317N17339228 | J14 | - 42 | D0380PA00X+052500Y+002300 |
| 327N17339228 | U12 | - 42 | A01X+034821Y+013317 |
| 317N17339234 | J14 | - 27 | D0380PA00X+045500Y+001300 |
| 327N17339234 | R35 | - 2 | A01X+047000Y+003910 |
| 327N17339234 | U12 | - 38 | A01X+034191Y+013317 |

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| 317N17339238 | J14 | - 25 | D0380PA00X+044500Y+001300 |
| 327N17339238 | R34 | - 2 | A01X+046000Y+003910 |
| 327N17339238 | U12 | - 37 | A01X+034033Y+013317 |
| 317N17339242 | J14 | - 28 | D0380PA00X+046000Y+002300 |
| 327N17339242 | R32 | - 2 | A01X+044000Y+003910 |
| 327N17339242 | U12 | - 34 | A01X+033561Y+013317 |
| 327N17339251 | R29 | - 2 | A01X+039500Y+003910 |
| 317N17339251 | J14 | - 13 | D0380PA00X+039000Y+001300 |
| 327N17339251 | U12 | - 29 | A01X+032774Y+013317 |
| 317N17339254 | J14 | - 15 | D0380PA00X+040000Y+001300 |
| 327N17339254 | R28 | - 2 | A01X+038500Y+003910 |
| 327N17339254 | U12 | - 28 | A01X+032616Y+013317 |
| 327N17339256 | R31 | - 2 | A01X+041500Y+003910 |
| 317N17339256 | J14 | - 16 | D0380PA00X+040500Y+002300 |
| 327N17339256 | U12 | - 32 | A01X+033246Y+013317 |
| 327N17339259 | R30 | - 2 | A01X+040500Y+003910 |
| 317N17339259 | J14 | - 18 | D0380PA00X+041500Y+002300 |
| 327N17339259 | U12 | - 31 | A01X+033089Y+013317 |
| 317N17341059 | J14 | - 11 | D0380PA00X+036790Y- 002800 |
| 327N17341059 | R163 | - 2 | A08X+036750Y- 000590 |
| 317N17341101 | J14 | - 9 | D0380PA00X+032700Y- 002800 |
| 327N17341101 | R164 | - 2 | A08X+031000Y- 000590 |
| 317N17341144 | J14 | - 23 | D0380PA00X+042290Y- 002800 |
| 327N17341144 | R161 | - 2 | A08X+042250Y- 000590 |
| 317N17341185 | J14 | - 21 | D0380PA00X+038200Y- 002100 |
| 327N17341185 | R162 | - 2 | A08X+038250Y- 000590 |
| 317N17341226 | J14 | - 35 | D0380PA00X+047790Y- 002100 |
| 327N17341226 | R159 | - 2 | A08X+047750Y- 000590 |
| 317N17341266 | J14 | - 33 | D0380PA00X+043700Y- 002100 |
| 327N17341266 | R160 | - 2 | A08X+043750Y- 000590 |
| 317N17341309 | J14 | - 47 | D0380PA00X+053290Y- 002800 |
| 327N17341309 | R157 | - 2 | A08X+052250Y- 000590 |
| 317N17341349 | J14 | - 45 | D0380PA00X+049200Y- 002800 |
| 327N17341349 | R158 | - 2 | A08X+049250Y- 000590 |
| 327N17342326 | R1 | - 1 | A01X+026500Y+019840 |
| 327N17342326 | U12 | - 140 | A01X+027567Y+019783 |
| 327N17354224 | R9 | - 2 | A01X+008000Y+003910 |
| 317N17354224 | J13 | - 1 | D0380PA00X+007500Y+001300 |
| 327N17354224 | U12 | - 4 | A01X+028837Y+013317 |
| 327N17354269 | R8 | - 2 | A01X+007000Y+003910 |
| 317N17354269 | J13 | - 3 | D0380PA00X+008500Y+001300 |
| 327N17354269 | U12 | - 5 | A01X+028994Y+013317 |
| 327N17354314 | R10 | - 2 | A01X+009000Y+003910 |
| 317N17354314 | J13 | - 4 | D0380PA00X+009000Y+002300 |
| 327N17354314 | U12 | - 1 | A01X+028364Y+013317 |
| 327N17354359 | R11 | - 2 | A01X+010000Y+003910 |
| 317N17354359 | J13 | - 6 | D0380PA00X+010000Y+002300 |
| 327N17354359 | U12 | - 2 | A01X+028522Y+013317 |
| 327N17354404 | R13 | - 2 | A01X+013500Y+003910 |
| 317N17354404 | J13 | - 13 | D0380PA00X+013000Y+001300 |
| 327N17354404 | U12 | - 7 | A01X+029309Y+013317 |
| 327N17354449 | R12 | - 2 | A01X+012500Y+003910 |
| 317N17354449 | J13 | - 15 | D0380PA00X+014000Y+001300 |
| 327N17354449 | U12 | - 6 | A01X+029152Y+013317 |
| 327N17354494 | R15 | - 2 | A01X+015500Y+003910 |
| 317N17354494 | J13 | - 16 | D0380PA00X+014500Y+002300 |
| 327N17354494 | U12 | - 10 | A01X+029781Y+013317 |
| 327N17354539 | R14 | - 2 | A01X+014500Y+003910 |
| 317N17354539 | J13 | - 18 | D0380PA00X+015500Y+002300 |
| 327N17354539 | U12 | - 9 | A01X+029624Y+013317 |
| 327N17354584 | R18 | - 2 | A01X+020000Y+003910 |
| 317N17354584 | J13 | - 25 | D0380PA00X+018500Y+001300 |
| 327N17354584 | U12 | - 15 | A01X+030569Y+013317 |

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| 327N17354629 | R19 | - 2 | A01X+021000Y+003910 |
| 317N17354629 | J13 | - 27 | D0380PA00X+019500Y+001300 |
| 327N17354629 | U12 | - 16 | A01X+030726Y+013317 |
| 327N17354674 | R16 | - 2 | A01X+018000Y+003910 |
| 317N17354674 | J13 | - 28 | D0380PA00X+020000Y+002300 |
| 327N17354674 | U12 | - 12 | A01X+030096Y+013317 |
| 317N17354719 | J13 | - 30 | D0380PA00X+021000Y+002300 |
| 327N17354719 | R17 | - 2 | A01X+019000Y+003910 |
| 327N17354719 | U12 | - 13 | A01X+030254Y+013317 |
| 317N17354764 | J13 | - 37 | D0380PA00X+024000Y+001300 |
| 327N17354764 | R21 | - 2 | A01X+024500Y+003910 |
| 327N17354764 | U12 | - 18 | A01X+031041Y+013317 |
| 327N17354809 | U12 | - 17 | A01X+030884Y+013317 |
| 327N17354809 | R20 | - 2 | A01X+023500Y+003910 |
| 317N17354809 | J13 | - 39 | D0380PA00X+025000Y+001300 |
| 327N17354854 | R23 | - 2 | A01X+026500Y+003910 |
| 327N17354854 | U12 | - 21 | A01X+031514Y+013317 |
| 317N17354854 | J13 | - 40 | D0380PA00X+025500Y+002300 |
| 327N17354899 | R22 | - 2 | A01X+025500Y+003910 |
| 327N17354899 | U12 | - 20 | A01X+031356Y+013317 |
| 317N17354899 | J13 | - 42 | D0380PA00X+026500Y+002300 |
| 317N17355310 | J13 | - 11 | D0380PA00X+010790Y- 002800 |
| 327N17355310 | R171 | - 2 | A08X+010750Y- 000590 |
| 317N17355352 | J13 | - 9 | D0380PA00X+006700Y- 002800 |
| 327N17355352 | R172 | - 2 | A08X+005000Y- 000590 |
| 317N17355394 | J13 | - 23 | D0380PA00X+016290Y- 002800 |
| 327N17355394 | R169 | - 2 | A08X+016250Y- 000590 |
| 317N17355436 | J13 | - 21 | D0380PA00X+012200Y- 002100 |
| 327N17355436 | R170 | - 2 | A08X+012250Y- 000590 |
| 317N17355478 | J13 | - 35 | D0380PA00X+021790Y- 002100 |
| 327N17355478 | R167 | - 2 | A08X+021750Y- 000590 |
| 317N17355520 | J13 | - 33 | D0380PA00X+017700Y- 002100 |
| 327N17355520 | R168 | - 2 | A08X+017750Y- 000590 |
| 317N17355562 | J13 | - 47 | D0380PA00X+027290Y- 002800 |
| 327N17355562 | R165 | - 2 | A08X+026500Y- 000590 |
| 317N17355604 | J13 | - 45 | D0380PA00X+023200Y- 002800 |
| 327N17355604 | R166 | - 2 | A08X+023250Y- 000590 |
| 327N17358597 | R153 | - 2 | A08X+009000Y+004590 |
| 327N17358597 | C180 | - 1 | A08X+010000Y+004590 |
| 327N17358597 | R11 | - 1 | A01X+010000Y+004590 |
| 327N17358597 | R10 | - 1 | A01X+009000Y+004590 |
| 317N17358597 | VIA | | D0120PA00X+010000Y+005000 |
| 317N17358597 | VIA | | D0120PA00X+009000Y+005000 |
| 327N17359020 | C181 | - 1 | A08X+007000Y+004590 |
| 327N17359020 | R8 | - 1 | A01X+007000Y+004590 |
| 327N17359020 | R154 | - 2 | A08X+008000Y+004590 |
| 327N17359020 | R9 | - 1 | A01X+008000Y+004590 |
| 317N17359020 | VIA | | D0120PA00X+007000Y+005000 |
| 317N17359020 | VIA | | D0120PA00X+008000Y+005000 |
| 327N17359804 | R152 | - 2 | A08X+013500Y+004590 |
| 327N17359804 | C179 | - 1 | A08X+012500Y+004590 |
| 327N17359804 | R12 | - 1 | A01X+012500Y+004590 |
| 327N17359804 | R13 | - 1 | A01X+013500Y+004590 |
| 317N17359804 | VIA | | D0120PA00X+012500Y+005000 |
| 317N17359804 | VIA | | D0120PA00X+013500Y+005000 |
| 327N17359806 | R15 | - 1 | A01X+015500Y+004590 |
| 327N17359806 | C178 | - 1 | A08X+014500Y+004590 |
| 327N17359806 | R151 | - 2 | A08X+015500Y+004590 |
| 327N17359806 | R14 | - 1 | A01X+014500Y+004590 |
| 317N17359806 | VIA | | D0120PA00X+015500Y+005000 |
| 317N17359806 | VIA | | D0120PA00X+014500Y+005000 |
| 327N17360176 | C176 | - 1 | A08X+021000Y+004590 |
| 327N17360176 | R149 | - 2 | A08X+020000Y+004590 |

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| 327N17360176 | R19 | - 1 | A01X+021000Y+004590 |
| 327N17360176 | R18 | - 1 | A01X+020000Y+004590 |
| 317N17360176 | VIA | | D0120PA00X+021000Y+005000 |
| 317N17360176 | VIA | | D0120PA00X+020000Y+005000 |
| 327N17360202 | C177 | - 1 | A08X+019000Y+004590 |
| 327N17360202 | R16 | - 1 | A01X+018000Y+004590 |
| 327N17360202 | R150 | - 2 | A08X+018000Y+004590 |
| 327N17360202 | R17 | - 1 | A01X+019000Y+004590 |
| 317N17360202 | VIA | | D0120PA00X+019000Y+005000 |
| 317N17360202 | VIA | | D0120PA00X+018000Y+005000 |
| 327N17360579 | R147 | - 2 | A08X+026500Y+004590 |
| 327N17360579 | C174 | - 2 | A08X+025500Y+004590 |
| 327N17360579 | R23 | - 1 | A01X+026500Y+004590 |
| 327N17360579 | R22 | - 1 | A01X+025500Y+004590 |
| 317N17360579 | VIA | | D0120PA00X+026500Y+005000 |
| 317N17360579 | VIA | | D0120PA00X+025500Y+005000 |
| 327N17360599 | C175 | - 2 | A08X+023500Y+004590 |
| 327N17360599 | R148 | - 2 | A08X+024500Y+004590 |
| 327N17360599 | R20 | - 1 | A01X+023500Y+004590 |
| 327N17360599 | R21 | - 1 | A01X+024500Y+004590 |
| 317N17360599 | VIA | | D0120PA00X+023500Y+005000 |
| 317N17360599 | VIA | | D0120PA00X+024500Y+005000 |
| 317N17363240 | J14 | - 30 | D0380PA00X+047000Y+002300 |
| 327N17363240 | R33 | - 2 | A01X+045000Y+003910 |
| 327N17363240 | U12 | - 35 | A01X+033719Y+013317 |
| 327N17363474 | R27 | - 1 | A01X+036000Y+004590 |
| 327N17363474 | C172 | - 1 | A08X+036000Y+004590 |
| 327N17363474 | R26 | - 1 | A01X+035000Y+004590 |
| 327N17363474 | R145 | - 2 | A08X+035000Y+004590 |
| 317N17363474 | VIA | | D0120PA00X+036000Y+005000 |
| 317N17363474 | VIA | | D0120PA00X+035000Y+005000 |
| 327N17363476 | R25 | - 1 | A01X+034000Y+004590 |
| 327N17363476 | C173 | - 1 | A08X+034000Y+004590 |
| 327N17363476 | R24 | - 1 | A01X+033000Y+004590 |
| 327N17363476 | R146 | - 2 | A08X+033000Y+004590 |
| 317N17363476 | VIA | | D0120PA00X+034000Y+005000 |
| 317N17363476 | VIA | | D0120PA00X+033000Y+005000 |
| 327N17363937 | R144 | - 2 | A08X+039500Y+004590 |
| 327N17363937 | C171 | - 1 | A08X+038500Y+004590 |
| 327N17363937 | R29 | - 1 | A01X+039500Y+004590 |
| 327N17363937 | R28 | - 1 | A01X+038500Y+004590 |
| 317N17363937 | VIA | | D0120PA00X+039500Y+005000 |
| 317N17363937 | VIA | | D0120PA00X+038500Y+005000 |
| 327N17363963 | C170 | - 1 | A08X+040500Y+004590 |
| 327N17363963 | R143 | - 2 | A08X+041500Y+004590 |
| 327N17363963 | R31 | - 1 | A01X+041500Y+004590 |
| 327N17363963 | R30 | - 1 | A01X+040500Y+004590 |
| 317N17363963 | VIA | | D0120PA00X+041500Y+005000 |
| 317N17363963 | VIA | | D0120PA00X+040500Y+005000 |
| 327N17364446 | R33 | - 1 | A01X+045000Y+004590 |
| 327N17364446 | R142 | - 2 | A08X+044000Y+004590 |
| 327N17364446 | C169 | - 1 | A08X+045000Y+004590 |
| 327N17364446 | R32 | - 1 | A01X+044000Y+004590 |
| 317N17364446 | VIA | | D0120PA00X+045000Y+005000 |
| 317N17364446 | VIA | | D0120PA00X+044000Y+005000 |
| 327N17364448 | R141 | - 2 | A08X+046000Y+004590 |
| 327N17364448 | C168 | - 1 | A08X+047000Y+004590 |
| 327N17364448 | R34 | - 1 | A01X+046000Y+004590 |
| 327N17364448 | R35 | - 1 | A01X+047000Y+004590 |
| 317N17364448 | VIA | | D0120PA00X+046000Y+005000 |
| 317N17364448 | VIA | | D0120PA00X+047000Y+005000 |
| 327N17364823 | C167 | - 2 | A08X+049500Y+004590 |
| 327N17364823 | R140 | - 2 | A08X+050500Y+004590 |

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| 327N17364823 | R37 | - 1 | A01X+050500Y+004590 |
| 327N17364823 | R36 | - 1 | A01X+049500Y+004590 |
| 317N17364823 | VIA | | D0120PA00X+050500Y+005000 |
| 317N17364823 | VIA | | D0120PA00X+049500Y+005000 |
| 327N17364825 | R139 | - 2 | A08X+052500Y+004590 |
| 327N17364825 | C166 | - 2 | A08X+051500Y+004590 |
| 327N17364825 | R38 | - 1 | A01X+051500Y+004590 |
| 327N17364825 | R39 | - 1 | A01X+052500Y+004590 |
| 317N17364825 | VIA | | D0120PA00X+052500Y+005000 |
| 317N17364825 | VIA | | D0120PA00X+051500Y+005000 |
| 327N17412170 | C88 | - 1 | A08X+015250Y+022950 |
| 327N17412170 | U6 | - 3 | A01X+013866Y+022878 |
| 317N17412170 | VIA | | D0200PA00X+014500Y+023000 |
| 327N17412195 | U6 | - 4 | A01X+013866Y+023134 |
| 327N17412195 | C90 | - 1 | A08X+012250Y+022380 |
| 317N17412195 | VIA | | D0200PA00X+012250Y+021750 |
| 327N17412886 | R104 | - 2 | A08X+019500Y+015660 |
| 317N17412886 | U15 | - 2 | D0520PA00X+019500Y+014500 |
| 317N17441621 | J2 | - 1 | D0360PA00X+094138Y+034295 |
| 317N17441621 | J5 | - 13 | D0430PA00X+065250Y+033250 |
| 317N17441621 | J5 | - 15 | D0430PA00X+066250Y+033250 |
| 317N17441621 | J2 | - 2 | D0360PA00X+094138Y+033508 |
| 327N17441621 | F5 | - 1 | A01X+094250Y+031750 |
| 327N17483776 | C52 | - 2 | A01X+086340Y+002000 |
| 327N17483776 | U17 | - 5 | A01X+086000Y+003150 |
| 327N17483796 | C51 | - 1 | A01X+083910Y+002000 |
| 327N17483796 | U17 | - 1 | A01X+084000Y+003150 |
| 327N17483798 | U17 | - 6 | A01X+086500Y+003150 |
| 327N17483798 | C53 | - 1 | A01X+087410Y+002000 |
| 327N17483820 | U17 | - 4 | A01X+085500Y+003150 |
| 327N17483820 | C52 | - 1 | A01X+085660Y+002000 |
| 317N17483840 | P1 | - 3 | D0430PA00X+086580Y- 000450 |
| 327N17483840 | U17 | - 13 | A01X+085500Y+005350 |
| 327N17483848 | C50 | - 1 | A01X+082840Y+002000 |
| 327N17483848 | U17 | - 2 | A01X+084500Y+003150 |
| 327N17484002 | C51 | - 2 | A01X+084590Y+002000 |
| 327N17484002 | U17 | - 3 | A01X+085000Y+003150 |
| 317N17484004 | P1 | - 2 | D0430PA00X+087670Y- 000450 |
| 327N17484004 | U17 | - 14 | A01X+085000Y+005350 |
| 327N17485405 | R128 | - 1 | A08X+040500Y+011340 |
| 327N17485405 | U16 | - 5 | A01X+040500Y+012875 |
| 317N17485405 | VIA | | D0120PA00X+040500Y+012000 |
| 327N17485463 | U1 | - 5 | A01X+063250Y+030625 |
| 327N17485463 | R40 | - 1 | A08X+064250Y+030840 |
| 317N17485463 | VIA | | D0120PA00X+064250Y+031250 |
| 327N17540440 | U13 | - 1 | A01X+076500Y+016930 |
| 327N17540440 | R90 | - 2 | A08X+076500Y+016660 |
| 317N17540440 | VIA | | D0120PA00X+077000Y+016750 |
| 327N17540445 | U13 | - 3 | A01X+078500Y+018570 |
| 327N17540445 | R2 | - 1 | A01X+079550Y+018090 |
| 327N17540555 | F8 | - 2 | A01X+045750Y+031250 |
| 317N17540555 | J4 | - 2 | D0430PA00X+047250Y+034250 |
| 317N17540555 | J4 | - 4 | D0430PA00X+048250Y+034250 |
| 327N17542906 | D10 | - 1 | A01X+075400Y+004264 |
| 327N17542906 | R155 | - 2 | A08X+074250Y+003840 |
| 317N17542906 | VIA | | D0120PA00X+074250Y+004250 |
| 327N17542914 | D11 | - 1 | A01X+075400Y+002314 |
| 327N17542914 | R156 | - 2 | A08X+074250Y+002090 |
| 317N17542914 | VIA | | D0120PA00X+074250Y+002500 |
| 327N17542930 | D12 | - 1 | A01X+075350Y- 001016 |
| 327N17542930 | R173 | - 2 | A08X+074250Y- 001160 |
| 317N17542930 | VIA | | D0120PA00X+074250Y- 000750 |
| 327NOT_CONNECTED | U11 | - 227 | A01X+082750Y+017750 |

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| 327NOT_CONNECTED | U11 | - 210 |
| 327NOT_CONNECTED | U8 | - 14 |
| 327NOT_CONNECTED | U8 | - 19 |
| 327NOT_CONNECTED | U8 | - 37 |
| 327NOT_CONNECTED | U8 | - 41 |
| 327NOT_CONNECTED | U8 | - 42 |
| 327NOT_CONNECTED | U8 | - 58 |
| 327NOT_CONNECTED | U8 | - 60 |
| 327NOT_CONNECTED | U8 | - 61 |
| 327NOT_CONNECTED | U8 | - 63 |
| 327NOT_CONNECTED | U8 | - 65 |
| 327NOT_CONNECTED | U8 | - 66 |
| 327NOT_CONNECTED | U8 | - 82 |
| 327NOT_CONNECTED | U8 | - 83 |
| 327NOT_CONNECTED | U8 | - 84 |
| 327NOT_CONNECTED | U8 | - 85 |
| 327NOT_CONNECTED | U8 | - 86 |
| 327NOT_CONNECTED | U8 | - 87 |
| 327NOT_CONNECTED | U8 | - 88 |
| 327NOT_CONNECTED | U8 | - 102 |
| 327NOT_CONNECTED | U8 | - 104 |
| 327NOT_CONNECTED | U8 | - 108 |
| 327NOT_CONNECTED | U8 | - 110 |
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| 327NOT_CONNECTED | U8 | - 128 |
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| 327NOT_CONNECTED | U8 | - 170 |
| 327NOT_CONNECTED | U8 | - 171 |
| 327NOT_CONNECTED | U8 | - 172 |
| 327NOT_CONNECTED | U8 | - 173 |
| 327NOT_CONNECTED | U8 | - 174 |
| 327NOT_CONNECTED | U8 | - 175 |
| 327NOT_CONNECTED | U8 | - 176 |
| 327NOT_CONNECTED | U8 | - 191 |
| 327NOT_CONNECTED | U8 | - 192 |
| 327NOT_CONNECTED | U8 | - 194 |
| 327NOT_CONNECTED | U8 | - 196 |
| 327NOT_CONNECTED | U8 | - 197 |
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| 327NOT_CONNECTED | U8 | - 101 |
| 327NOT_CONNECTED | U8 | - 122 |
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| 327NOT_CONNECTED | U8 | - 145 |
| 327NOT_CONNECTED | U8 | - 166 |
| 327NOT_CONNECTED | U8 | - 167 |
| 327NOT_CONNECTED | U8 | - 212 |

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| A01X+083750Y+018250 |
| A01X+051734Y+025884 |
| A01X+053703Y+025884 |
| A01X+052128Y+025490 |
| A01X+053703Y+025490 |
| A01X+054096Y+025490 |
| A01X+051734Y+025096 |
| A01X+052522Y+025096 |
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| A01X+053703Y+025096 |
| A01X+054490Y+025096 |
| A01X+054884Y+025096 |
| A01X+052522Y+024703 |
| A01X+052915Y+024703 |
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| A01X+054884Y+024703 |
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| A01X+050947Y+023522 |
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| A01X+051341Y+023128 |
| A01X+051734Y+022341 |

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IPC

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 A01X+048585Y+023522
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 A01X+047404Y+023522
 A01X+047404Y+023915
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 A01X+052128Y+018010

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 327NOT_CONNECTED U8 - 443
 327NOT_CONNECTED U8 - 469

IPC
 A01X+051734Y+018010
 A01X+052915Y+018404
 A01X+052522Y+018404
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 A01X+051734Y+018404
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 A01X+051341Y+018404
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 A01X+048978Y+017616

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| 327NOT_CONNECTED | U8 | - 139 |
| 327NOT_CONNECTED | U8 | - 136 |
| 327NOT_CONNECTED | U8 | - 133 |
| 327NOT_CONNECTED | U8 | - 120 |
| 327NOT_CONNECTED | U8 | - 114 |
| 327NOT_CONNECTED | U8 | - 112 |
| 327NOT_CONNECTED | U8 | - 111 |
| 327NOT_CONNECTED | U8 | - 99 |
| 327NOT_CONNECTED | U8 | - 97 |
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| 327NOT_CONNECTED | U11 | - 16 |
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| 327NOT_CONNECTED | U11 | - 35 |
| 327NOT_CONNECTED | U11 | - 52 |
| 327NOT_CONNECTED | U11 | - 74 |
| 327NOT_CONNECTED | U11 | - 169 |
| 327NOT_CONNECTED | U11 | - 68 |
| 327NOT_CONNECTED | U11 | - 69 |
| 327NOT_CONNECTED | U11 | - 71 |
| 327NOT_CONNECTED | U11 | - 73 |
| 327NOT_CONNECTED | U11 | - 90 |
| 327NOT_CONNECTED | U11 | - 91 |
| 327NOT_CONNECTED | U11 | - 92 |
| 327NOT_CONNECTED | U11 | - 110 |

IPC

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| A01X+048191Y+017616 |
| A01X+047797Y+017616 |
| A01X+048585Y+017616 |
| A01X+048585Y+018010 |
| A01X+047797Y+018010 |
| A01X+049766Y+023522 |
| A01X+049372Y+023522 |
| A01X+048978Y+023522 |
| A01X+047797Y+023522 |
| A01X+046616Y+023522 |
| A01X+050159Y+023915 |
| A01X+047797Y+023915 |
| A01X+047010Y+023915 |
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| A01X+049766Y+024309 |
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| A01X+047404Y+024309 |
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| A01X+050159Y+023128 |
| A01X+049766Y+023128 |
| A01X+048585Y+023128 |
| A01X+048585Y+022341 |
| A01X+083750Y+023250 |
| A01X+047797Y+023128 |
| A01X+047404Y+023128 |
| A01X+091750Y+023250 |
| A01X+091750Y+022750 |
| A01X+090250Y+023750 |
| A01X+090750Y+023750 |
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| A01X+090250Y+022750 |
| A01X+091750Y+022250 |
| A01X+091750Y+019750 |
| A01X+088750Y+022250 |
| A01X+089250Y+022250 |
| A01X+090250Y+022250 |
| A01X+091250Y+022250 |
| A01X+090250Y+021750 |
| A01X+090750Y+021750 |
| A01X+091250Y+021750 |
| A01X+090750Y+021250 |

| | | | IPC |
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| 327NOT_CONNECTED | U11 | - 111 | A01X+091250Y+021250 |
| 327NOT_CONNECTED | U11 | - 166 | A01X+090250Y+019750 |
| 327NOT_CONNECTED | U11 | - 167 | A01X+090750Y+019750 |
| 327NOT_CONNECTED | U11 | - 168 | A01X+091250Y+019750 |
| 327NOT_CONNECTED | U11 | - 40 | A01X+084250Y+022750 |
| 327NOT_CONNECTED | U11 | - 4 | A01X+084750Y+023750 |
| 327NOT_CONNECTED | U11 | - 45 | A01X+086750Y+022750 |
| 327NOT_CONNECTED | U11 | - 188 | A01X+091750Y+019250 |
| 327NOT_CONNECTED | U11 | - 207 | A01X+091750Y+018750 |
| 327NOT_CONNECTED | U11 | - 186 | A01X+090750Y+019250 |
| 327NOT_CONNECTED | U11 | - 187 | A01X+091250Y+019250 |
| 327NOT_CONNECTED | U11 | - 205 | A01X+090750Y+018750 |
| 327NOT_CONNECTED | U11 | - 206 | A01X+091250Y+018750 |
| 327NOT_CONNECTED | U11 | - 245 | A01X+091750Y+017750 |
| 327NOT_CONNECTED | U11 | - 264 | A01X+091750Y+017250 |
| 327NOT_CONNECTED | U11 | - 302 | A01X+091750Y+016250 |
| 327NOT_CONNECTED | U11 | - 321 | A01X+091750Y+015750 |
| 327NOT_CONNECTED | U11 | - 242 | A01X+090250Y+017750 |
| 327NOT_CONNECTED | U11 | - 243 | A01X+090750Y+017750 |
| 327NOT_CONNECTED | U11 | - 244 | A01X+091250Y+017750 |
| 327NOT_CONNECTED | U11 | - 262 | A01X+090750Y+017250 |
| 327NOT_CONNECTED | U11 | - 263 | A01X+091250Y+017250 |
| 327NOT_CONNECTED | U11 | - 281 | A01X+090750Y+016750 |
| 327NOT_CONNECTED | U11 | - 282 | A01X+091250Y+016750 |
| 327NOT_CONNECTED | U11 | - 300 | A01X+090750Y+016250 |
| 327NOT_CONNECTED | U11 | - 320 | A01X+091250Y+015750 |
| 327NOT_CONNECTED | U11 | - 173 | A01X+084250Y+019250 |
| 327NOT_CONNECTED | U11 | - 192 | A01X+084250Y+018750 |
| 327NOT_CONNECTED | U11 | - 190 | A01X+083250Y+018750 |
| 327NOT_CONNECTED | U11 | - 229 | A01X+083750Y+017750 |
| 327NOT_CONNECTED | U11 | - 209 | A01X+083250Y+018250 |
| 327NOT_CONNECTED | U11 | - 246 | A01X+082750Y+017250 |
| 327NOT_CONNECTED | U11 | - 304 | A01X+083250Y+015750 |
| 327NOT_CONNECTED | U11 | - 323 | A01X+083250Y+015250 |
| 327NOT_CONNECTED | U11 | - 37 | A01X+082750Y+022750 |
| 327NOT_CONNECTED | U11 | - 26 | A01X+086750Y+023250 |
| 327NOT_CONNECTED | U11 | - 23 | A01X+085250Y+023250 |
| 327NOT_CONNECTED | U11 | - 18 | A01X+082750Y+023250 |
| 327NOT_CONNECTED | U11 | - 5 | A01X+085250Y+023750 |
| 327NOT_CONNECTED | U11 | - 2 | A01X+083750Y+023750 |
| 327NOT_CONNECTED | U11 | - 61 | A01X+085250Y+022250 |
| 327NOT_CONNECTED | U11 | - 60 | A01X+084750Y+022250 |
| 327NOT_CONNECTED | U11 | - 78 | A01X+084250Y+021750 |
| 327NOT_CONNECTED | U11 | - 58 | A01X+083750Y+022250 |
| 327NOT_CONNECTED | U11 | - 57 | A01X+083250Y+022250 |
| 327NOT_CONNECTED | U6 | - 1 | A01X+013866Y+022366 |
| 327NOT_CONNECTED | J7 | - 3 | A01X+016630Y+034660 |
| 327NOT_CONNECTED | J7 | - 4 | A01X+020870Y+034660 |
| 327NOT_CONNECTED | J6 | - 4 | A01X+009370Y+034660 |
| 327NOT_CONNECTED | J6 | - 3 | A01X+005130Y+034660 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+083000Y+018000 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+082250Y+017750 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+084000Y+018500 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+051931Y+026081 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+053900Y+026081 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+052325Y+025687 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+053900Y+025687 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+054293Y+025687 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+051931Y+025293 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+052719Y+025293 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+053112Y+025293 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+053900Y+025293 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+054687Y+025293 |

IPC

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| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053112Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053506Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053900Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054293Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054687Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+055081Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051931Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054293Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+055081Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053506Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053900Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054293Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054687Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+055081Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051931Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053900Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054293Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051931Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053112Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053506Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053900Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054293Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054687Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+055081Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+022931 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+022931 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053506Y+022931 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054293Y+022931 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054687Y+022931 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+026081 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+026081 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+025687 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+025293 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+025293 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051931Y+022537 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+022537 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+022537 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053112Y+022537 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053506Y+022537 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+022144 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+022144 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053506Y+022144 |
| 317NOT_CONNECTED | VIA | D0120PA00X+082500Y+017000 |
| 317NOT_CONNECTED | VIA | D0120PA00X+084000Y+022000 |
| 317NOT_CONNECTED | VIA | D0120PA00X+083500Y+022500 |
| 317NOT_CONNECTED | VIA | D0120PA00X+082500Y+023000 |

IPC

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| 317NOT_CONNECTED | VIA | D0120PA00X+083000Y+022500 |
| 317NOT_CONNECTED | VIA | D0120PA00X+050356Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049963Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048388Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047994Y+022931 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048388Y+022537 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047600Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047600Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049963Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049963Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+050356Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+021356 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+021356 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053112Y+021356 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054293Y+021356 |
| 317NOT_CONNECTED | VIA | D0120PA00X+055081Y+021356 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+020963 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+020963 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053112Y+020963 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054687Y+020963 |
| 317NOT_CONNECTED | VIA | D0120PA00X+055081Y+020963 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+020569 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+020569 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053506Y+020569 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051931Y+020175 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+020175 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+020175 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053112Y+020175 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053506Y+020175 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053900Y+020175 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054293Y+020175 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051931Y+019781 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+019781 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+019781 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053900Y+019781 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054293Y+019781 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054293Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054687Y+019388 |
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| 317NOT_CONNECTED | VIA | D0120PA00X+053112Y+018994 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053900Y+018994 |
| 317NOT_CONNECTED | VIA | D0120PA00X+054293Y+018994 |
| 317NOT_CONNECTED | VIA | D0120PA00X+055081Y+018994 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+018600 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053506Y+018600 |
| 317NOT_CONNECTED | VIA | D0120PA00X+055081Y+018600 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+018207 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053900Y+017419 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053506Y+017419 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053112Y+017419 |
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| 317NOT_CONNECTED | VIA | D0120PA00X+051931Y+017419 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053900Y+017813 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053112Y+017813 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+017813 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051931Y+017813 |
| 317NOT_CONNECTED | VIA | D0120PA00X+053112Y+018207 |
| 317NOT_CONNECTED | VIA | D0120PA00X+052719Y+018207 |

IPC

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|------------------|-----|---------------------------|
| 317NOT_CONNECTED | VIA | D0120PA00X+052325Y+018207 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051931Y+018207 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+018600 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+018600 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+019781 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+020175 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+020175 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+020569 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+017419 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+017419 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051537Y+018207 |
| 317NOT_CONNECTED | VIA | D0120PA00X+051144Y+017813 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049175Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049175Y+024900 |
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| 317NOT_CONNECTED | VIA | D0120PA00X+047994Y+025293 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048388Y+025293 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048781Y+025293 |
| 317NOT_CONNECTED | VIA | D0120PA00X+050356Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+050356Y+025293 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049569Y+025293 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049569Y+025687 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049963Y+026081 |
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| 317NOT_CONNECTED | VIA | D0120PA00X+050356Y+026081 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047600Y+025687 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047600Y+026081 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047994Y+026081 |
| 317NOT_CONNECTED | VIA | D0120PA00X+050356Y+019781 |
| 317NOT_CONNECTED | VIA | D0120PA00X+050356Y+020175 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049963Y+019781 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049963Y+020175 |
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| 317NOT_CONNECTED | VIA | D0120PA00X+047207Y+018994 |
| 317NOT_CONNECTED | VIA | D0120PA00X+046419Y+018994 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047207Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+046813Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+046419Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047207Y+019781 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049569Y+018600 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049175Y+018600 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048781Y+018600 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048388Y+018600 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049569Y+018994 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049175Y+018994 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048781Y+018994 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049963Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049175Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048781Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047994Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047600Y+019388 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048388Y+019781 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047994Y+019781 |

IPC

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|------------------|-----|---------------------------|
| 317NOT_CONNECTED | VIA | D0120PA00X+048781Y+020175 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048781Y+020569 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047207Y+017419 |
| 317NOT_CONNECTED | VIA | D0120PA00X+046813Y+017419 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047207Y+017813 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048781Y+017419 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047994Y+017419 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047600Y+017419 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048388Y+017419 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048388Y+017813 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047600Y+017813 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047994Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049569Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049175Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048781Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048388Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047207Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+046419Y+023719 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047207Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+046813Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+046419Y+024112 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049963Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049569Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047207Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+046419Y+024506 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049963Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048781Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048388Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+046419Y+024900 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049963Y+025293 |
| 317NOT_CONNECTED | VIA | D0120PA00X+046813Y+025293 |
| 317NOT_CONNECTED | VIA | D0120PA00X+048388Y+025687 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049569Y+026081 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049175Y+026081 |
| 317NOT_CONNECTED | VIA | D0120PA00X+082500Y+023500 |
| 317NOT_CONNECTED | VIA | D0120PA00X+049569Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+083500Y+024000 |
| 317NOT_CONNECTED | VIA | D0120PA00X+083500Y+023500 |
| 317NOT_CONNECTED | VIA | D0120PA00X+084000Y+023000 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047600Y+023325 |
| 317NOT_CONNECTED | VIA | D0120PA00X+047207Y+023325 |
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| 317NOT_CONNECTED | VIA | D0120PA00X+090500Y+022000 |
| 317NOT_CONNECTED | VIA | D0120PA00X+091000Y+022000 |
| 317NOT_CONNECTED | VIA | D0120PA00X+091500Y+022000 |
| 317NOT_CONNECTED | VIA | D0120PA00X+091000Y+021500 |
| 317NOT_CONNECTED | VIA | D0120PA00X+091500Y+021500 |
| 317NOT_CONNECTED | VIA | D0120PA00X+090500Y+020000 |
| 317NOT_CONNECTED | VIA | D0120PA00X+091000Y+020000 |

IPC

| | | | |
|------------------|------|-------|---------------------------|
| 317NOT_CONNECTED | VIA | | D0120PA00X+091500Y+020000 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+084500Y+022500 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+085000Y+023500 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+086500Y+023000 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+086500Y+023500 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+092000Y+019000 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+092000Y+018500 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+091000Y+019000 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+091500Y+019000 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+091000Y+018500 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+091500Y+018500 |
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| 317NOT_CONNECTED | VIA | | D0120PA00X+083500Y+018000 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+083500Y+017500 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+083000Y+015500 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+083000Y+015000 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+085000Y+024000 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+084500Y+024000 |
| 317NOT_CONNECTED | VIA | | D0120PA00X+085000Y+022500 |
| 32700PS_1 | R103 | - 2 | A08X+049000Y+016340 |
| 32700PS_1 | U8 | - 470 | A01X+049372Y+017616 |
| 31700PS_1 | VIA | | D0120PA00X+049175Y+017419 |
| 32700PS_2 | R112 | - 2 | A08X+049000Y+014590 |
| 32700PS_2 | U8 | - 448 | A01X+049372Y+018010 |
| 31700PS_2 | VIA | | D0120PA00X+049175Y+017813 |
| 32700PS_3 | R102 | - 2 | A08X+050000Y+016340 |
| 32700PS_3 | U8 | - 428 | A01X+050159Y+018404 |
| 31700PS_3 | VIA | | D0120PA00X+049963Y+018207 |
| 32700PS_4 | R101 | - 2 | A08X+051000Y+016340 |
| 32700PS_4 | U8 | - 384 | A01X+050159Y+019191 |
| 31700PS_4 | VIA | | D0120PA00X+049963Y+018994 |
| 3170P_BUSY_L | J2 | - 13 | D0360PA00X+089413Y+034295 |
| 3270P_BUSY_L | U8 | - 348 | A01X+053309Y+019978 |
| 3170P_BUSY_L | VIA | | D0120PA00X+081500Y+031750 |
| 3170P_BUSY_L | VIA | | D0120PA00X+081250Y+019550 |
| 3170P_BUSY_L | VIA | | D0120PA00X+053506Y+019781 |
| 3170P_CE_L | J2 | - 15 | D0360PA00X+088626Y+034295 |
| 3270P_CE_L | U8 | - 347 | A01X+052915Y+019978 |
| 3170P_CE_L | VIA | | D0120PA00X+082000Y+032250 |
| 3170P_CE_L | VIA | | D0120PA00X+081550Y+019600 |
| 3170P_CE_L | VIA | | D0120PA00X+053112Y+019781 |
| 3170P_DONE_L | J1 | - 21 | D0360PA00X+074453Y+034295 |
| 3270P_DONE_L | U8 | - 416 | A01X+054096Y+018797 |
| 3170P_DONE_L | VIA | | D0120PA00X+060050Y+031700 |
| 3170P_DONE_L | VIA | | D0120PA00X+054293Y+018600 |
| 3170P_ERROR_L | J1 | - 23 | D0360PA00X+073665Y+034295 |
| 3270P_ERROR_L | U8 | - 415 | A01X+053703Y+018797 |
| 3170P_ERROR_L | VIA | | D0120PA00X+069900Y+033000 |
| 3170P_ERROR_L | VIA | | D0120PA00X+069700Y+018500 |

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| 3170P_ERROR_L | VIA | | D0120PA00X+053900Y+018600 |
| 3170P_OE_L | J2 | - 16 | D0360PA00X+088626Y+033508 |
| 3270P_OE_L | U8 | - 440 | A01X+054884Y+018404 |
| 3170P_OE_L | VIA | | D0120PA00X+082250Y+032000 |
| 3170P_OE_L | VIA | | D0120PA00X+081550Y+018100 |
| 3170P_OE_L | VIA | | D0120PA00X+055081Y+018207 |
| 3170P_RESET_L | J1 | - 17 | D0360PA00X+076028Y+034295 |
| 3270P_RESET_L | U8 | - 439 | A01X+054490Y+018404 |
| 3170P_RESET_L | VIA | | D0120PA00X+069950Y+018000 |
| 3170P_RESET_L | VIA | | D0120PA00X+054687Y+018207 |
| 3170P_START_L | J1 | - 19 | D0360PA00X+075240Y+034295 |
| 3270P_START_L | U8 | - 462 | A01X+054884Y+018010 |
| 3170P_START_L | VIA | | D0120PA00X+070250Y+018000 |
| 3170P_START_L | VIA | | D0120PA00X+055081Y+017813 |
| 3170P_WE_L | J2 | - 17 | D0360PA00X+087839Y+034295 |
| 3270P_WE_L | U8 | - 417 | A01X+054490Y+018797 |
| 3170P_WE_L | VIA | | D0120PA00X+059800Y+031500 |
| 3170P_WE_L | VIA | | D0120PA00X+081250Y+032500 |
| 3170P_WE_L | VIA | | D0120PA00X+054687Y+018600 |
| 317P0_L1_ACT | J13 | - 10 | D0380PA00X+007700Y- 002800 |
| 327P0_L1_ACT | U12 | - 143 | A01X+027567Y+019311 |
| 317P0_L1_ACT | VIA | | D0120PA00X+025550Y+019000 |
| 317P0_L2_LINK | J13 | - 12 | D0380PA00X+011790Y- 002800 |
| 327P0_L2_LINK | R1 | - 2 | A01X+026500Y+019160 |
| 327P0_L2_LINK | U12 | - 144 | A01X+027567Y+019154 |
| 317P0_L2_LINK | VIA | | D0120PA00X+026050Y+019000 |
| 317P1_L1_ACT | J13 | - 24 | D0380PA00X+017290Y- 002800 |
| 327P1_L1_ACT | U12 | - 148 | A01X+027567Y+018524 |
| 317P1_L1_ACT | VIA | | D0120PA00X+026300Y+018400 |
| 327P1_L2_LINK | U12 | - 149 | A01X+027567Y+018366 |
| 317P1_L2_LINK | J13 | - 22 | D0380PA00X+013200Y- 002100 |
| 317P1_L2_LINK | VIA | | D0120PA00X+026900Y+018400 |
| 317P2_L1_ACT | J13 | - 36 | D0380PA00X+022790Y- 002100 |
| 327P2_L1_ACT | U12 | - 152 | A01X+027567Y+017894 |
| 317P2_L1_ACT | VIA | | D0120PA00X+026900Y+017900 |
| 327P2_L2_LINK | U12 | - 153 | A01X+027567Y+017736 |
| 317P2_L2_LINK | J13 | - 34 | D0380PA00X+018700Y- 002100 |
| 317P2_L2_LINK | VIA | | D0120PA00X+026300Y+017900 |
| 317P3_L1_ACT | J13 | - 48 | D0380PA00X+028290Y- 002800 |
| 327P3_L1_ACT | U12 | - 156 | A01X+027567Y+017264 |
| 317P3_L1_ACT | VIA | | D0120PA00X+026900Y+017300 |
| 317P3_L2_LINK | J13 | - 46 | D0380PA00X+024200Y- 002800 |
| 327P3_L2_LINK | U12 | - 157 | A01X+027567Y+017106 |
| 317P3_L2_LINK | VIA | | D0120PA00X+026300Y+017300 |
| 317P4_L1_ACT | J14 | - 12 | D0380PA00X+037790Y- 002800 |
| 327P4_L1_ACT | U12 | - 160 | A01X+027567Y+016634 |
| 317P4_L1_ACT | VIA | | D0120PA00X+026900Y+016700 |
| 317P4_L2_LINK | J14 | - 10 | D0380PA00X+033700Y- 002800 |
| 327P4_L2_LINK | U12 | - 161 | A01X+027567Y+016476 |
| 317P4_L2_LINK | VIA | | D0120PA00X+026300Y+016700 |
| 317P5_L1_ACT | J14 | - 24 | D0380PA00X+043290Y- 002800 |
| 327P5_L1_ACT | U12 | - 164 | A01X+027567Y+016004 |
| 317P5_L1_ACT | VIA | | D0120PA00X+026900Y+016050 |
| 317P5_L2_LINK | J14 | - 22 | D0380PA00X+039200Y- 002100 |
| 327P5_L2_LINK | U12 | - 165 | A01X+027567Y+015846 |
| 317P5_L2_LINK | VIA | | D0120PA00X+026300Y+016050 |
| 317P6_L1_ACT | J14 | - 36 | D0380PA00X+048790Y- 002100 |
| 327P6_L1_ACT | U12 | - 167 | A01X+027567Y+015531 |
| 317P6_L1_ACT | VIA | | D0120PA00X+026900Y+015500 |
| 317P6_L2_LINK | J14 | - 34 | D0380PA00X+044700Y- 002100 |
| 327P6_L2_LINK | U12 | - 169 | A01X+027567Y+015217 |
| 317P6_L2_LINK | VIA | | D0120PA00X+026300Y+015500 |
| 317P7_L1_ACT | J14 | - 48 | D0380PA00X+054290Y- 002800 |

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|-------------------|------|-------|--|----------------------------|
| 327P7_L1_ACT | U12 | - 172 | | A01X+027567Y+014744 |
| 317P7_L1_ACT | VIA | | | D0120PA00X+026300Y+015000 |
| 317P7_L2_LINK | J14 | - 46 | | D0380PA00X+050200Y- 002800 |
| 327P7_L2_LINK | U12 | - 173 | | A01X+027567Y+014587 |
| 317P7_L2_LINK | VIA | | | D0120PA00X+026300Y+014600 |
| 327PD_FLASH_WP_L | U9 | - 14 | | A01X+064545Y+016911 |
| 327PD_FLASH_WP_L | R93 | - 1 | | A08X+065000Y+016840 |
| 327PD_FLASH_WP_L | R92 | - 2 | | A08X+066000Y+016840 |
| 317PD_FLASH_WP_L | VIA | | | D0120PA00X+064550Y+017500 |
| 327PORT_8_ENA_LED | D5 | - 2 | | A01X+060200Y+014734 |
| 327PORT_8_ENA_LED | U8 | - 105 | | A01X+052915Y+024309 |
| 317PORT_8_ENA_LED | VIA | | | D0120PA00X+059900Y+023800 |
| 317PORT_8_ENA_LED | VIA | | | D0120PA00X+053112Y+024506 |
| 317PORT_8_ENA_LED | VIA | | | D0120PA00X+059000Y+014500 |
| 327NNAME1 | J11 | - 3 | | A01X+061378Y+008920 |
| 327NNAME1 | R127 | - 1 | | A08X+060250Y+011410 |
| 327NNAME1 | U8 | - 18 | | A01X+053309Y+025884 |
| 317NNAME1 | VIA | | | D0120PA00X+060750Y+011000 |
| 317NNAME1 | VIA | | | D0120PA00X+061050Y+026300 |
| 317NNAME1 | VIA | | | D0120PA00X+053506Y+026081 |
| 327PORT_8_PRESENT | R126 | - 2 | | A08X+063750Y+011410 |
| 327PORT_8_PRESENT | J11 | - 6 | | A01X+062323Y+008920 |
| 327PORT_8_PRESENT | U8 | - 17 | | A01X+052915Y+025884 |
| 317PORT_8_PRESENT | VIA | | | D0120PA00X+062150Y+025750 |
| 317PORT_8_PRESENT | VIA | | | D0120PA00X+053112Y+026081 |
| 317PORT_8_PRESENT | VIA | | | D0120PA00X+063500Y+011000 |
| 327PORT_8_SD | J11 | - 8 | | A01X+062953Y+008920 |
| 327PORT_8_SD | R137 | - 2 | | A08X+064000Y+008340 |
| 327PORT_8_SD | U8 | - 59 | | A01X+052128Y+025096 |
| 317PORT_8_SD | VIA | | | D0120PA00X+061350Y+027250 |
| 317PORT_8_SD | VIA | | | D0120PA00X+062350Y+013750 |
| 317PORT_8_SD | VIA | | | D0120PA00X+052325Y+025293 |
| 317PORT_8_SD | VIA | | | D0120PA00X+063500Y+008250 |
| 327PORT_8_S_DET | U12 | - 93 | | A01X+034506Y+021683 |
| 327PORT_8_S_DET | U8 | - 125 | | A01X+052128Y+023915 |
| 317PORT_8_S_DET | VIA | | | D0120PA00X+034800Y+022900 |
| 317PORT_8_S_DET | VIA | | | D0120PA00X+052500Y+031550 |
| 317PORT_8_S_DET | VIA | | | D0120PA00X+052325Y+024112 |
| 327PORT_8_TX_FAIL | J11 | - 2 | | A01X+061063Y+008920 |
| 327PORT_8_TX_FAIL | R138 | - 2 | | A08X+060250Y+008340 |
| 327PORT_8_TX_FAIL | U8 | - 39 | | A01X+052915Y+025490 |
| 317PORT_8_TX_FAIL | VIA | | | D0120PA00X+061450Y+013750 |
| 317PORT_8_TX_FAIL | VIA | | | D0120PA00X+060750Y+008250 |
| 317PORT_8_TX_FAIL | VIA | | | D0120PA00X+060850Y+027000 |
| 317PORT_8_TX_FAIL | VIA | | | D0120PA00X+053112Y+025687 |
| 327PORT_9_ENA_LED | D7 | - 2 | | A01X+065810Y+014734 |
| 327PORT_9_ENA_LED | U8 | - 20 | | A01X+054096Y+025884 |
| 317PORT_9_ENA_LED | VIA | | | D0120PA00X+066300Y+025750 |
| 317PORT_9_ENA_LED | VIA | | | D0120PA00X+054293Y+026081 |
| 317PORT_9_ENA_LED | VIA | | | D0120PA00X+065500Y+015500 |
| 327NNAME2 | J12 | - 3 | | A01X+066988Y+008920 |
| 327NNAME2 | R125 | - 1 | | A08X+065750Y+011410 |
| 327NNAME2 | U8 | - 62 | | A01X+053309Y+025096 |
| 317NNAME2 | VIA | | | D0120PA00X+053506Y+025293 |
| 317NNAME2 | VIA | | | D0120PA00X+066800Y+024750 |
| 317NNAME2 | VIA | | | D0120PA00X+066200Y+011000 |
| 327PORT_9_PRESENT | R124 | - 2 | | A08X+069500Y+011410 |
| 327PORT_9_PRESENT | J12 | - 6 | | A01X+067933Y+008920 |
| 327PORT_9_PRESENT | U8 | - 81 | | A01X+052128Y+024703 |
| 317PORT_9_PRESENT | VIA | | | D0120PA00X+069250Y+024150 |
| 317PORT_9_PRESENT | VIA | | | D0120PA00X+052325Y+024900 |
| 317PORT_9_PRESENT | VIA | | | D0120PA00X+069050Y+011000 |
| 327PORT_9_SD | J12 | - 8 | | A01X+068563Y+008920 |

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|-------------------|------|-------|---------------------------|
| 327PORT_9_SD | R135 | - 2 | A08X+069500Y+008340 |
| 327PORT_9_SD | U8 | - 16 | A01X+052522Y+025884 |
| 317PORT_9_SD | VIA | | D0120PA00X+069000Y+008250 |
| 317PORT_9_SD | VIA | | D0120PA00X+068450Y+013750 |
| 317PORT_9_SD | VIA | | D0120PA00X+068950Y+025850 |
| 317PORT_9_SD | VIA | | D0120PA00X+052719Y+026081 |
| 327PORT_9_S_DET | U12 | - 128 | A01X+028994Y+021683 |
| 327PORT_9_S_DET | U8 | - 103 | A01X+052128Y+024309 |
| 317PORT_9_S_DET | VIA | | D0120PA00X+028500Y+028200 |
| 317PORT_9_S_DET | VIA | | D0120PA00X+052128Y+030950 |
| 317PORT_9_S_DET | VIA | | D0120PA00X+052325Y+024506 |
| 327NNAME3 | U12 | - 127 | A01X+029152Y+021683 |
| 327NNAME3 | D8 | - 2 | A01X+069590Y+014734 |
| 317NNAME3 | VIA | | D0120PA00X+029350Y+021100 |
| 317NNAME3 | VIA | | D0120PA00X+069600Y+015500 |
| 327PORT_9_TX_FAIL | J12 | - 2 | A01X+066673Y+008920 |
| 327PORT_9_TX_FAIL | R136 | - 2 | A08X+065750Y+008340 |
| 327PORT_9_TX_FAIL | U8 | - 15 | A01X+052128Y+025884 |
| 317PORT_9_TX_FAIL | VIA | | D0120PA00X+066250Y+008250 |
| 317PORT_9_TX_FAIL | VIA | | D0120PA00X+067000Y+013750 |
| 317PORT_9_TX_FAIL | VIA | | D0120PA00X+067000Y+026050 |
| 317PORT_9_TX_FAIL | VIA | | D0120PA00X+052325Y+026081 |
| 327PU_FLASH_BYTE | U9 | - 47 | A01X+062183Y+024589 |
| 327PU_FLASH_BYTE | R55 | - 2 | A08X+062250Y+024840 |
| 317PU_FLASH_BYTE | VIA | | D0120PA00X+062250Y+025250 |
| 327PU_FLASH_RST_L | U9 | - 12 | A01X+064152Y+016911 |
| 327PU_FLASH_RST_L | R94 | - 2 | A08X+063500Y+016840 |
| 317PU_FLASH_RST_L | VIA | | D0120PA00X+064100Y+017500 |
| 327PU_IRQ2 | U11 | - 115 | A01X+083750Y+020750 |
| 327PU_IRQ2 | R63 | - 2 | A08X+077500Y+021910 |
| 317PU_IRQ2 | VIA | | D0120PA00X+077900Y+022000 |
| 327PU_IRQ3 | R132 | - 2 | A08X+083250Y+009840 |
| 327PU_IRQ3 | U11 | - 325 | A01X+084250Y+015250 |
| 317PU_IRQ3 | VIA | | D0120PA00X+084000Y+015000 |
| 327PU_IRQ3A | R131 | - 2 | A08X+084250Y+009840 |
| 327PU_IRQ3A | U11 | - 343 | A01X+084250Y+014750 |
| 317PU_IRQ3A | VIA | | D0120PA00X+083750Y+010000 |
| 327PU_IRQ4A | R130 | - 2 | A08X+085250Y+009840 |
| 327PU_IRQ4A | U11 | - 326 | A01X+084750Y+015250 |
| 317PU_IRQ4A | VIA | | D0120PA00X+084500Y+015000 |
| 327PU_IRQ5 | U11 | - 95 | A01X+083250Y+021250 |
| 327PU_IRQ5 | R64 | - 2 | A08X+076500Y+021910 |
| 317PU_IRQ5 | VIA | | D0120PA00X+077000Y+022000 |
| 327PU_IRQ6 | R5 | - 2 | A01X+082250Y+011590 |
| 327PU_IRQ6 | U11 | - 324 | A01X+083750Y+015250 |
| 317PU_IRQ6 | VIA | | D0120PA00X+083500Y+015000 |
| 327RUN_LED | D10 | - 2 | A01X+075400Y+003076 |
| 327RUN_LED | U8 | - 374 | A01X+054884Y+019585 |
| 317RUN_LED | VIA | | D0120PA00X+076000Y+003000 |
| 317RUN_LED | VIA | | D0120PA00X+074100Y+019250 |
| 317RUN_LED | VIA | | D0120PA00X+055081Y+019388 |
| 327SDRAM_CAS_L | U10 | - 18 | A01X+068533Y+021537 |
| 327SDRAM_CAS_L | U11 | - 22 | A01X+084750Y+023250 |
| 317SDRAM_CAS_L | VIA | | D0120PA00X+071400Y+024150 |
| 317SDRAM_CAS_L | VIA | | D0120PA00X+084500Y+023500 |
| 317SDRAM_CAS_L | VIA | | D0120PA00X+084000Y+025500 |
| 327SDRAM_CS0_L | U10 | - 20 | A01X+068533Y+021144 |
| 327SDRAM_CS0_L | U11 | - 59 | A01X+084250Y+022250 |
| 317SDRAM_CS0_L | VIA | | D0120PA00X+069250Y+021250 |
| 317SDRAM_CS0_L | VIA | | D0120PA00X+084000Y+022500 |
| 327SDRAM_GPLO_L | U10 | - 24 | A01X+068533Y+020356 |
| 327SDRAM_GPLO_L | U11 | - 62 | A01X+085750Y+022250 |
| 317SDRAM_GPLO_L | VIA | | D0120PA00X+081150Y+020450 |

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| 317SDRAM_GPLO_L | VIA | | D0120PA00X+085500Y+022500 |
| 317SDRAM_GPLO_L | VIA | | D0120PA00X+067750Y+020250 |
| 327SDRAM_PU1 | U10 | - 67 | A01X+072967Y+021144 |
| 327SDRAM_PU1 | R75 | - 2 | A08X+070750Y+020840 |
| 317SDRAM_PU1 | VIA | | D0120PA00X+070750Y+021250 |
| 327SDRAM_RAS_L | U10 | - 19 | A01X+068533Y+021341 |
| 327SDRAM_RAS_L | U11 | - 42 | A01X+085250Y+022750 |
| 317SDRAM_RAS_L | VIA | | D0120PA00X+071700Y+024300 |
| 317SDRAM_RAS_L | VIA | | D0120PA00X+084400Y+025400 |
| 317SDRAM_RAS_L | VIA | | D0120PA00X+085000Y+023000 |
| 327SDRAM_WE_L | U10 | - 17 | A01X+068533Y+021734 |
| 327SDRAM_WE_L | U11 | - 41 | A01X+084750Y+022750 |
| 317SDRAM_WE_L | VIA | | D0120PA00X+084500Y+023000 |
| 317SDRAM_WE_L | VIA | | D0120PA00X+071400Y+024500 |
| 317SER1_RESET_L | J5 | - 1 | D0430PA00X+059250Y+033250 |
| 327SER1_RESET_L | U8 | - 239 | A01X+053703Y+021947 |
| 317SER1_RESET_L | VIA | | D0120PA00X+054000Y+031500 |
| 317SER1_RESET_L | VIA | | D0120PA00X+053900Y+022144 |
| 317SER1_RXD | J5 | - 7 | D0430PA00X+062250Y+033250 |
| 327SER1_RXD | U8 | - 220 | A01X+054884Y+022341 |
| 317SER1_RXD | VIA | | D0120PA00X+055081Y+022537 |
| 317SER1_RXD | VIA | | D0120PA00X+055750Y+031500 |
| 317SER1_TXD | J5 | - 9 | D0430PA00X+063250Y+033250 |
| 327SER1_TXD | U8 | - 198 | A01X+054884Y+022734 |
| 317SER1_TXD | VIA | | D0120PA00X+055500Y+031250 |
| 317SER1_TXD | VIA | | D0120PA00X+055081Y+022931 |
| 317SER2_RESET_L | J5 | - 2 | D0430PA00X+059250Y+034250 |
| 327SER2_RESET_L | U8 | - 218 | A01X+054096Y+022341 |
| 317SER2_RESET_L | VIA | | D0120PA00X+054500Y+032500 |
| 317SER2_RESET_L | VIA | | D0120PA00X+054293Y+022537 |
| 317SER2_RXD | J5 | - 8 | D0430PA00X+062250Y+034250 |
| 327SER2_RXD | U8 | - 217 | A01X+053703Y+022341 |
| 317SER2_RXD | VIA | | D0120PA00X+053750Y+031250 |
| 317SER2_RXD | VIA | | D0120PA00X+053900Y+022537 |
| 317SER2_TXD | J5 | - 10 | D0430PA00X+063250Y+034250 |
| 327SER2_TXD | U8 | - 260 | A01X+053309Y+021553 |
| 317SER2_TXD | VIA | | D0120PA00X+052000Y+032250 |
| 317SER2_TXD | VIA | | D0120PA00X+053506Y+021356 |
| 327SRESET_L | R105 | - 2 | A08X+080250Y+014590 |
| 327SRESET_L | J8 | - 2 | A01X+080000Y+030380 |
| 327SRESET_L | U8 | - 68 | A01X+047010Y+024703 |
| 327SRESET_L | U11 | - 247 | A01X+083250Y+017250 |
| 317SRESET_L | VIA | | D0120PA00X+073400Y+012600 |
| 317SRESET_L | VIA | | D0120PA00X+073000Y+025650 |
| 317SRESET_L | VIA | | D0120PA00X+079750Y+012950 |
| 317SRESET_L | VIA | | D0120PA00X+080000Y+026100 |
| 317SRESET_L | VIA | | D0120PA00X+080000Y+031350 |
| 317SRESET_L | VIA | | D0120PA00X+083000Y+017000 |
| 317SRESET_L | VIA | | D0120PA00X+046813Y+024900 |
| 327SW_MODE_0 | U12 | - 132 | A01X+028364Y+021683 |
| 327SW_MODE_0 | U8 | - 150 | A01X+053309Y+023522 |
| 317SW_MODE_0 | VIA | | D0120PA00X+053400Y+031550 |
| 317SW_MODE_0 | VIA | | D0120PA00X+027750Y+028200 |
| 317SW_MODE_0 | VIA | | D0120PA00X+053506Y+023719 |
| 327SW_MODE_1 | U12 | - 131 | A01X+028522Y+021683 |
| 327SW_MODE_1 | U8 | - 149 | A01X+052915Y+023522 |
| 317SW_MODE_1 | VIA | | D0120PA00X+053050Y+031150 |
| 317SW_MODE_1 | VIA | | D0120PA00X+053112Y+023719 |
| 317SW_MODE_1 | VIA | | D0120PA00X+028100Y+028200 |
| 317TCK | J9 | - 6 | D0360PA00X+098287Y+011425 |
| 327TCK | U4 | - 6 | A01X+059628Y+026079 |
| 327TCK | U8 | - 21 | A01X+054490Y+025884 |
| 327TCK | U11 | - 283 | A01X+091750Y+016750 |

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| 317TCK | VIA | | D0120PA00X+093250Y+011800 |
| 317TCK | VIA | | D0120PA00X+092000Y+016500 |
| 317TCK | VIA | | D0120PA00X+059500Y+025450 |
| 317TCK | VIA | | D0120PA00X+054687Y+026081 |
| 317TDI | J9 | - 10 | D0360PA00X+098287Y+009850 |
| 327TDI | U4 | - 4 | A01X+059116Y+026079 |
| 327TDI | U11 | - 301 | A01X+091250Y+016250 |
| 317TDI | VIA | | D0120PA00X+093000Y+010250 |
| 317TDI | VIA | | D0120PA00X+091500Y+016000 |
| 317TDI | VIA | | D0120PA00X+058750Y+025250 |
| 317TDO | J9 | - 8 | D0360PA00X+098287Y+010638 |
| 327TDO | U8 | - 107 | A01X+053703Y+024309 |
| 327TDO | U11 | - 223 | A01X+090250Y+018250 |
| 317TDO | VIA | | D0120PA00X+093500Y+011000 |
| 317TDO | VIA | | D0120PA00X+090500Y+018000 |
| 317TDO | VIA | | D0120PA00X+053900Y+024506 |
| 317TMS | J9 | - 4 | D0360PA00X+098287Y+012213 |
| 327TMS | U4 | - 5 | A01X+059372Y+026079 |
| 327TMS | U8 | - 70 | A01X+047797Y+024703 |
| 327TMS | U11 | - 225 | A01X+091250Y+018250 |
| 317TMS | VIA | | D0120PA00X+047600Y+024900 |
| 317TMS | VIA | | D0120PA00X+093750Y+012600 |
| 317TMS | VIA | | D0120PA00X+091500Y+018000 |
| 317TMS | VIA | | D0120PA00X+090000Y+025800 |
| 317TMS | VIA | | D0120PA00X+059000Y+027000 |
| 327USERCH_INT | U11 | - 134 | A01X+083750Y+020250 |
| 327USERCH_INT | R73 | - 2 | A08X+076500Y+020160 |
| 317USERCH_INT | VIA | | D0120PA00X+076350Y+021250 |
| 327VFLS0 | J8 | - 1 | A01X+080000Y+028630 |
| 327VFLS0 | U11 | - 133 | A01X+083250Y+020250 |
| 327VFLS0 | R54 | - 2 | A08X+075500Y+023660 |
| 317VFLS0 | VIA | | D0120PA00X+076000Y+023750 |
| 317VFLS0 | VIA | | D0120PA00X+076000Y+021250 |
| 327VFLS1 | U11 | - 153 | A01X+083750Y+019750 |
| 327VFLS1 | J8 | - 6 | A01X+082000Y+030380 |
| 327VFLS1 | R72 | - 2 | A08X+077500Y+020160 |
| 317VFLS1 | VIA | | D0120PA00X+077900Y+020250 |
| 317VFLS1 | VIA | | D0120PA00X+078150Y+031350 |
| 317WI RE_1 | J4 | - 1 | D0430PA00X+047250Y+033250 |
| 327WI RE_1 | U8 | - 23 | A01X+046616Y+025490 |
| 317WI RE_1 | VIA | | D0120PA00X+046419Y+025687 |
| 317WI RE_2 | J4 | - 3 | D0430PA00X+048250Y+033250 |
| 327WI RE_2 | U8 | - 92 | A01X+047797Y+024309 |
| 317WI RE_2 | VIA | | D0120PA00X+047600Y+024506 |
| 317WI RE_3 | J4 | - 5 | D0430PA00X+049250Y+033250 |
| 327WI RE_3 | U8 | - 69 | A01X+047404Y+024703 |
| 317WI RE_3 | VIA | | D0120PA00X+047207Y+024900 |
| 317WI RE_4 | J4 | - 7 | D0430PA00X+050250Y+033250 |
| 327WI RE_4 | U8 | - 137 | A01X+048191Y+023522 |
| 317WI RE_4 | VIA | | D0120PA00X+047994Y+023719 |

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