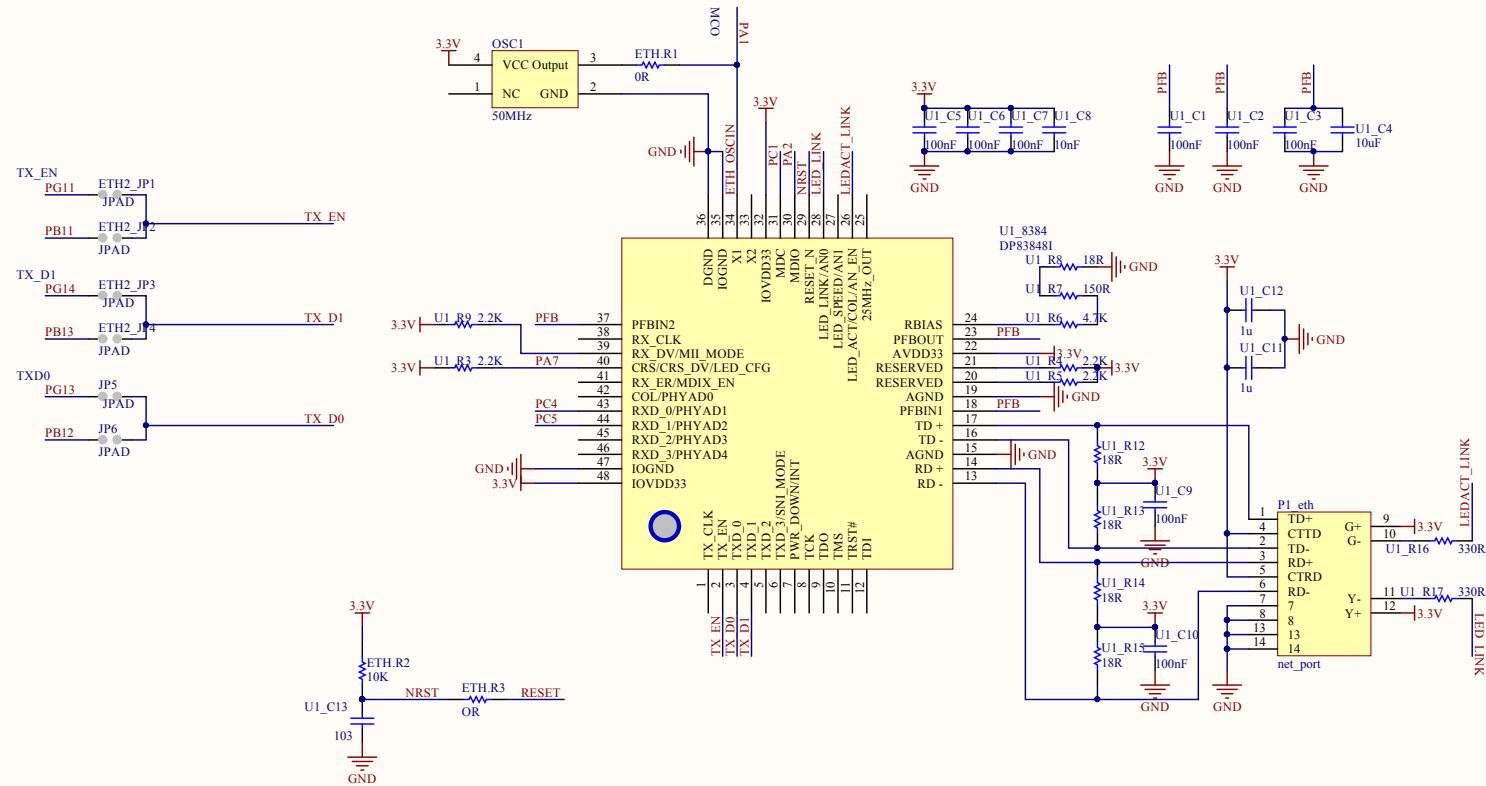


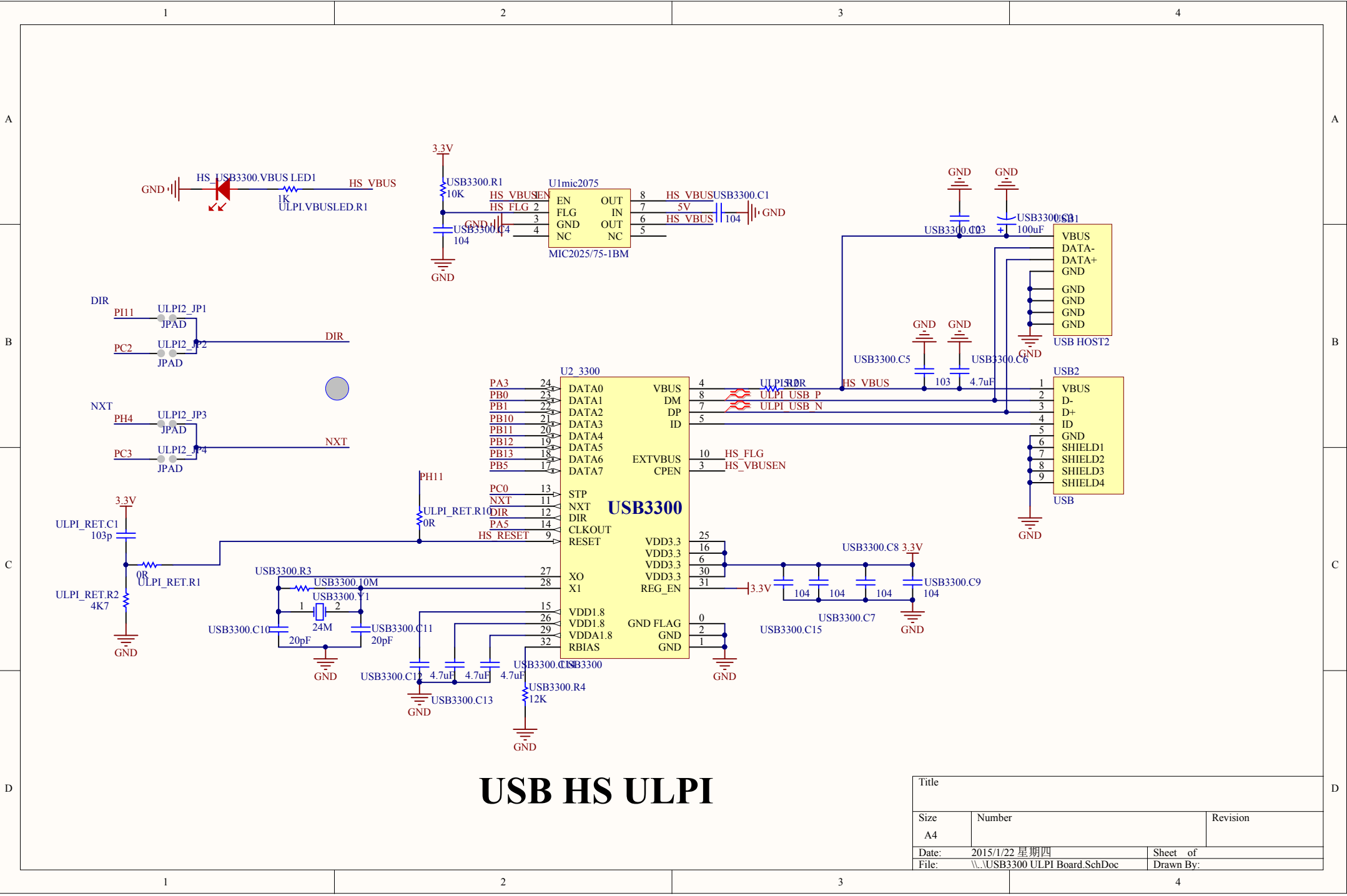
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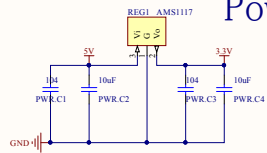
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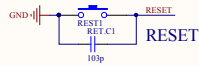
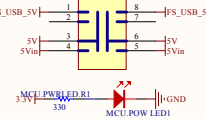
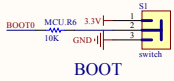


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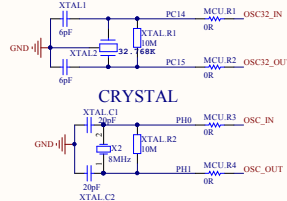
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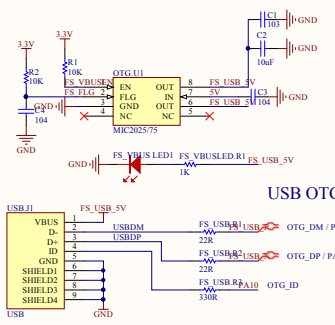
BOOT



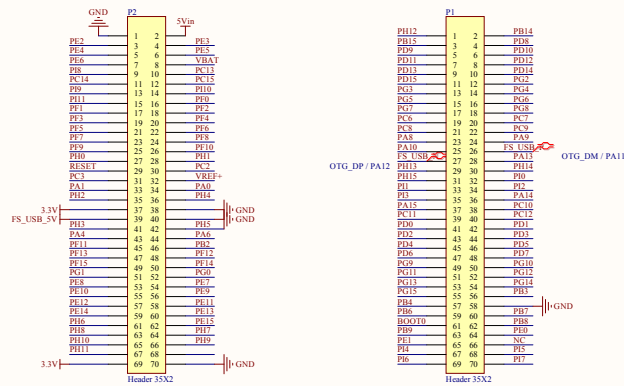
CRYSTAL



USB OTG



Pin Port



| | | | | | | |
|------|-----|---------|-------------------------|------|-----|------|
| P0 | 40 | 1/2 MCU | P00--FSMC_D2/CAN1_RX | P00 | 142 | P00 |
| P1 | 41 | | P01--FSMC_D3/CAN1_TX | P01 | 143 | P01 |
| P2 | 42 | | P02--FSMC_D4/CAN1_TX | P02 | 144 | P02 |
| P3 | 43 | | P03--FSMC_D5/CAN1_TX | P03 | 145 | P03 |
| P4 | 44 | | P04--FSMC_D6/CAN1_TX | P04 | 146 | P04 |
| P5 | 45 | | P05--FSMC_D7/CAN1_TX | P05 | 147 | P05 |
| P6 | 46 | | P06--FSMC_D8/CAN1_TX | P06 | 148 | P06 |
| P7 | 47 | | P07--FSMC_D9/CAN1_TX | P07 | 149 | P07 |
| P8 | 48 | | P08--FSMC_D10/CAN1_TX | P08 | 150 | P08 |
| P9 | 49 | | P09--FSMC_D11/CAN1_TX | P09 | 151 | P09 |
| P10 | 50 | | P10--FSMC_D12/CAN1_TX | P10 | 152 | P10 |
| P11 | 51 | | P11--FSMC_D13/CAN1_TX | P11 | 153 | P11 |
| P12 | 52 | | P12--FSMC_D14/CAN1_TX | P12 | 154 | P12 |
| P13 | 53 | | P13--FSMC_D15/CAN1_TX | P13 | 155 | P13 |
| P14 | 54 | | P14--FSMC_D16/CAN1_TX | P14 | 156 | P14 |
| P15 | 55 | | P15--FSMC_D17/CAN1_TX | P15 | 157 | P15 |
| P16 | 56 | | P16--FSMC_D18/CAN1_TX | P16 | 158 | P16 |
| P17 | 57 | | P17--FSMC_D19/CAN1_TX | P17 | 159 | P17 |
| P18 | 58 | | P18--FSMC_D20/CAN1_TX | P18 | 160 | P18 |
| P19 | 59 | | P19--FSMC_D21/CAN1_TX | P19 | 161 | P19 |
| P20 | 60 | | P20--FSMC_D22/CAN1_TX | P20 | 162 | P20 |
| P21 | 61 | | P21--FSMC_D23/CAN1_TX | P21 | 163 | P21 |
| P22 | 62 | | P22--FSMC_D24/CAN1_TX | P22 | 164 | P22 |
| P23 | 63 | | P23--FSMC_D25/CAN1_TX | P23 | 165 | P23 |
| P24 | 64 | | P24--FSMC_D26/CAN1_TX | P24 | 166 | P24 |
| P25 | 65 | | P25--FSMC_D27/CAN1_TX | P25 | 167 | P25 |
| P26 | 66 | | P26--FSMC_D28/CAN1_TX | P26 | 168 | P26 |
| P27 | 67 | | P27--FSMC_D29/CAN1_TX | P27 | 169 | P27 |
| P28 | 68 | | P28--FSMC_D30/CAN1_TX | P28 | 170 | P28 |
| P29 | 69 | | P29--FSMC_D31/CAN1_TX | P29 | 171 | P29 |
| P30 | 70 | | P30--FSMC_D32/CAN1_TX | P30 | 172 | P30 |
| P31 | 71 | | P31--FSMC_D33/CAN1_TX | P31 | 173 | P31 |
| P32 | 72 | | P32--FSMC_D34/CAN1_TX | P32 | 174 | P32 |
| P33 | 73 | | P33--FSMC_D35/CAN1_TX | P33 | 175 | P33 |
| P34 | 74 | | P34--FSMC_D36/CAN1_TX | P34 | 176 | P34 |
| P35 | 75 | | P35--FSMC_D37/CAN1_TX | P35 | 177 | P35 |
| P36 | 76 | | P36--FSMC_D38/CAN1_TX | P36 | 178 | P36 |
| P37 | 77 | | P37--FSMC_D39/CAN1_TX | P37 | 179 | P37 |
| P38 | 78 | | P38--FSMC_D40/CAN1_TX | P38 | 180 | P38 |
| P39 | 79 | | P39--FSMC_D41/CAN1_TX | P39 | 181 | P39 |
| P40 | 80 | | P40--FSMC_D42/CAN1_TX | P40 | 182 | P40 |
| P41 | 81 | | P41--FSMC_D43/CAN1_TX | P41 | 183 | P41 |
| P42 | 82 | | P42--FSMC_D44/CAN1_TX | P42 | 184 | P42 |
| P43 | 83 | | P43--FSMC_D45/CAN1_TX | P43 | 185 | P43 |
| P44 | 84 | | P44--FSMC_D46/CAN1_TX | P44 | 186 | P44 |
| P45 | 85 | | P45--FSMC_D47/CAN1_TX | P45 | 187 | P45 |
| P46 | 86 | | P46--FSMC_D48/CAN1_TX | P46 | 188 | P46 |
| P47 | 87 | | P47--FSMC_D49/CAN1_TX | P47 | 189 | P47 |
| P48 | 88 | | P48--FSMC_D50/CAN1_TX | P48 | 190 | P48 |
| P49 | 89 | | P49--FSMC_D51/CAN1_TX | P49 | 191 | P49 |
| P50 | 90 | | P50--FSMC_D52/CAN1_TX | P50 | 192 | P50 |
| P51 | 91 | | P51--FSMC_D53/CAN1_TX | P51 | 193 | P51 |
| P52 | 92 | | P52--FSMC_D54/CAN1_TX | P52 | 194 | P52 |
| P53 | 93 | | P53--FSMC_D55/CAN1_TX | P53 | 195 | P53 |
| P54 | 94 | | P54--FSMC_D56/CAN1_TX | P54 | 196 | P54 |
| P55 | 95 | | P55--FSMC_D57/CAN1_TX | P55 | 197 | P55 |
| P56 | 96 | | P56--FSMC_D58/CAN1_TX | P56 | 198 | P56 |
| P57 | 97 | | P57--FSMC_D59/CAN1_TX | P57 | 199 | P57 |
| P58 | 98 | | P58--FSMC_D60/CAN1_TX | P58 | 200 | P58 |
| P59 | 99 | | P59--FSMC_D61/CAN1_TX | P59 | 201 | P59 |
| P60 | 100 | | P60--FSMC_D62/CAN1_TX | P60 | 202 | P60 |
| P61 | 101 | | P61--FSMC_D63/CAN1_TX | P61 | 203 | P61 |
| P62 | 102 | | P62--FSMC_D64/CAN1_TX | P62 | 204 | P62 |
| P63 | 103 | | P63--FSMC_D65/CAN1_TX | P63 | 205 | P63 |
| P64 | 104 | | P64--FSMC_D66/CAN1_TX | P64 | 206 | P64 |
| P65 | 105 | | P65--FSMC_D67/CAN1_TX | P65 | 207 | P65 |
| P66 | 106 | | P66--FSMC_D68/CAN1_TX | P66 | 208 | P66 |
| P67 | 107 | | P67--FSMC_D69/CAN1_TX | P67 | 209 | P67 |
| P68 | 108 | | P68--FSMC_D70/CAN1_TX | P68 | 210 | P68 |
| P69 | 109 | | P69--FSMC_D71/CAN1_TX | P69 | 211 | P69 |
| P70 | 110 | | P70--FSMC_D72/CAN1_TX | P70 | 212 | P70 |
| P71 | 111 | | P71--FSMC_D73/CAN1_TX | P71 | 213 | P71 |
| P72 | 112 | | P72--FSMC_D74/CAN1_TX | P72 | 214 | P72 |
| P73 | 113 | | P73--FSMC_D75/CAN1_TX | P73 | 215 | P73 |
| P74 | 114 | | P74--FSMC_D76/CAN1_TX | P74 | 216 | P74 |
| P75 | 115 | | P75--FSMC_D77/CAN1_TX | P75 | 217 | P75 |
| P76 | 116 | | P76--FSMC_D78/CAN1_TX | P76 | 218 | P76 |
| P77 | 117 | | P77--FSMC_D79/CAN1_TX | P77 | 219 | P77 |
| P78 | 118 | | P78--FSMC_D80/CAN1_TX | P78 | 220 | P78 |
| P79 | 119 | | P79--FSMC_D81/CAN1_TX | P79 | 221 | P79 |
| P80 | 120 | | P80--FSMC_D82/CAN1_TX | P80 | 222 | P80 |
| P81 | 121 | | P81--FSMC_D83/CAN1_TX | P81 | 223 | P81 |
| P82 | 122 | | P82--FSMC_D84/CAN1_TX | P82 | 224 | P82 |
| P83 | 123 | | P83--FSMC_D85/CAN1_TX | P83 | 225 | P83 |
| P84 | 124 | | P84--FSMC_D86/CAN1_TX | P84 | 226 | P84 |
| P85 | 125 | | P85--FSMC_D87/CAN1_TX | P85 | 227 | P85 |
| P86 | 126 | | P86--FSMC_D88/CAN1_TX | P86 | 228 | P86 |
| P87 | 127 | | P87--FSMC_D89/CAN1_TX | P87 | 229 | P87 |
| P88 | 128 | | P88--FSMC_D90/CAN1_TX | P88 | 230 | P88 |
| P89 | 129 | | P89--FSMC_D91/CAN1_TX | P89 | 231 | P89 |
| P90 | 130 | | P90--FSMC_D92/CAN1_TX | P90 | 232 | P90 |
| P91 | 131 | | P91--FSMC_D93/CAN1_TX | P91 | 233 | P91 |
| P92 | 132 | | P92--FSMC_D94/CAN1_TX | P92 | 234 | P92 |
| P93 | 133 | | P93--FSMC_D95/CAN1_TX | P93 | 235 | P93 |
| P94 | 134 | | P94--FSMC_D96/CAN1_TX | P94 | 236 | P94 |
| P95 | 135 | | P95--FSMC_D97/CAN1_TX | P95 | 237 | P95 |
| P96 | 136 | | P96--FSMC_D98/CAN1_TX | P96 | 238 | P96 |
| P97 | 137 | | P97--FSMC_D99/CAN1_TX | P97 | 239 | P97 |
| P98 | 138 | | P98--FSMC_D100/CAN1_TX | P98 | 240 | P98 |
| P99 | 139 | | P99--FSMC_D101/CAN1_TX | P99 | 241 | P99 |
| P100 | 140 | | P100--FSMC_D102/CAN1_TX | P100 | 242 | P100 |
| P101 | 141 | | P101--FSMC_D103/CAN1_TX | P101 | 243 | P101 |
| P102 | 142 | | P102--FSMC_D104/CAN1_TX | P102 | 244 | P102 |
| P103 | 143 | | P103--FSMC_D105/CAN1_TX | P103 | 245 | P103 |
| P104 | 144 | | P104--FSMC_D106/CAN1_TX | P104 | 246 | P104 |
| P105 | 145 | | P105--FSMC_D107/CAN1_TX | P105 | 247 | P105 |
| P106 | 146 | | P106--FSMC_D108/CAN1_TX | P106 | 248 | P106 |
| P107 | 147 | | P107--FSMC_D109/CAN1_TX | P107 | 249 | P107 |
| P108 | 148 | | P108--FSMC_D110/CAN1_TX | P108 | 250 | P108 |
| P109 | 149 | | P109--FSMC_D111/CAN1_TX | P109 | 251 | P109 |
| P110 | 150 | | P110--FSMC_D112/CAN1_TX | P110 | 252 | P110 |
| P111 | 151 | | P111--FSMC_D113/CAN1_TX | P111 | 253 | P111 |
| P112 | 152 | | P112--FSMC_D114/CAN1_TX | P112 | 254 | P112 |
| P113 | 153 | | P113--FSMC_D115/CAN1_TX | P113 | 255 | P113 |
| P114 | 154 | | P114--FSMC_D116/CAN1_TX | P114 | 256 | P114 |
| P115 | 155 | | P115--FSMC_D117/CAN1_TX | P115 | 257 | P115 |
| P116 | 156 | | P116--FSMC_D118/CAN1_TX | P116 | 258 | P116 |
| P117 | 157 | | P117--FSMC_D119/CAN1_TX | P117 | 259 | P117 |
| P118 | 158 | | P118--FSMC_D120/CAN1_TX | P118 | 260 | P118 |
| P119 | 159 | | P119--FSMC_D121/CAN1_TX | P119 | 261 | P119 |
| P120 | 160 | | P120--FSMC_D122/CAN1_TX | P120 | 262 | P120 |
| P121 | 161 | | P121--FSMC_D123/CAN1_TX | P121 | 263 | P121 |
| P122 | 162 | | P122--FSMC_D124/CAN1_TX | P122 | 264 | P122 |
| P123 | 163 | | P123--FSMC_D125/CAN1_TX | P123 | 265 | P123 |
| P124 | 164 | | P124--FSMC_D126/CAN1_TX | P124 | 266 | P124 |
| P125 | 165 | | P125--FSMC_D127/CAN1_TX | P125 | 267 | P125 |
| P126 | 166 | | P126--FSMC_D128/CAN1_TX | P126 | 268 | P126 |
| P127 | 167 | | P127--FSMC_D129/CAN1_TX | P127 | 269 | P127 |
| P128 | 168 | | P128--FSMC_D130/CAN1_TX | P128 | 270 | P128 |
| P129 | 169 | | P129--FSMC_D131/CAN1_TX | P129 | 271 | P129 |
| P130 | 170 | | P130--FSMC_D132/CAN1_TX | P130 | 272 | P130 |
| P131 | 171 | | P131--FSMC_D133/CAN1_TX | P131 | 273 | P131 |
| P132 | 172 | | P132--FSMC_D134/CAN1_TX | P132 | 274 | P132 |
| P133 | 173 | | P133--FSMC_D135/CAN1_TX | P133 | 275 | P133 |
| P134 | 174 | | P134--FSMC_D136/CAN1_TX | P134 | 276 | P134 |
| P135 | 175 | | P135--FSMC_D137/CAN1_TX | P135 | 277 | P135 |
| P136 | 176 | | P136--FSMC_D138/CAN1_TX | P136 | 278 | P136 |
| P137 | 177 | | P137--FSMC_D139/CAN1_TX | P137 | 279 | P137 |
| P138 | 178 | | P138--FSMC_D140/CAN1_TX | P138 | 280 | P138 |
| P139 | 179 | | P139--FSMC_D141/CAN1_TX | P139 | 281 | P139 |
| P140 | 180 | | P140--FSMC_D142/CAN1_TX | P140 | 282 | P140 |
| P141 | 181 | | P141--FSMC_D143/CAN1_TX | P141 | 283 | P141 |
| P142 | 182 | | P142--FSMC_D144/CAN1_TX | P142 | 284 | P142 |
| P143 | 183 | | P143--FSMC_D145/CAN1_TX | P143 | 285 | P143 |
| P144 | 184 | | P144--FSMC_D146/CAN1_TX | P144 | 286 | P144 |
| P145 | 185 | | P145--FSMC_D147/CAN1_TX | P145 | 287 | P145 |
| P146 | 186 | | P146--FSMC_D148/CAN1_TX | P146 | 288 | P146 |
| P147 | 187 | | P147--FSMC_D149/CAN1_TX | P147 | 289 | P147 |
| P148 | 188 | | P148--FSMC_D150/CAN1_TX | P148 | 290 | P148 |
| P149 | 189 | | P149--FSMC_D151/CAN1_TX | P149 | 291 | P149 |
| P150 | 190 | | P150--FSMC_D152/CAN1_TX | P150 | 292 | P150 |
| P151 | 191 | | P151--FSMC_D153/CAN1_TX | P151 | 293 | P151 |
| P152 | 192 | | P152--FSMC_D154/CAN1_TX | P152 | 294 | P152 |
| P153 | 193 | | P153--FSMC_D155/CAN1_TX | P153 | 295 | P153 |
| P154 | 194 | | P154--FSMC_D156/CAN1_TX | P154 | 296 | P154 |
| P155 | 195 | | P155--FSMC_D157/CAN1_TX | P155 | 297 | P155 |
| P156 | 196 | | P156--FSMC_D158/CAN1_TX | P156 | 298 | P156 |
| P157 | 197 | | P157--FSMC_D159/CAN1_TX | P157 | 299 | P157 |
| P158 | 198 | | P158--FSMC_D160/CAN1_TX | P158 | 300 | P158 |
| P159 | 199 | | P159--FSMC_D161/CAN1_TX | P159 | 301 | P159 |
| P160 | 200 | | P160--FSMC_D162/CAN1_TX | P160 | 302 | P160 |
| P161 | 201 | | P161--FSMC_D163/CAN1_TX | P161 | 303 | P161 |
| P162 | 202 | | P162--FSMC_D164/CAN1_TX | P162 | 304 | P162 |
| P163 | 203 | | P163--FSMC_D165/CAN1_TX | P163 | 305 | P163 |
| P164 | 204 | | P164--FSMC_D166/CAN1_TX | P164 | 306 | P164 |
| P165 | 205 | | P165--FSMC_D167/CAN1_TX | P165 | 307 | P165 |
| P166 | 206 | | P166--FSMC_D168/CAN1_TX | P166 | 308 | P166 |
| P167 | 207 | | P167--FSMC_D169/CAN1_TX | P167 | 309 | P167 |
| P168 | 208 | | P168--FSMC_D170/CAN1_TX | P168 | 310 | P168 |
| P169 | 209 | | P169--FSMC_D171/CAN1_TX | P169 | 311 | P169 |
| P170 | 210 | | P170--FSMC_D172/CAN1_TX | P170 | 312 | P170 |
| P171 | 211 | | P171--FSMC_D173/CAN1_TX | P171 | 313 | P171 |
| P172 | 212 | | P172--FSMC_D174/CAN1_TX | P172 | 314 | P172 |
| P173 | 213 | | P173--FSMC_D175/CAN1_TX | P173 | 315 | P173 |
| P174 | 214 | | P174--FSMC_D176/CAN1_TX | P174 | 316 | P174 |
| P175 | 215 | | P175--FSMC_D177/CAN1_TX | P175 | 317 | P175 |
| P176 | 216 | | P176--FSMC_D178/CAN1_TX | P176 | 318 | P176 |
| P177 | 217 | | P177--FSMC_D179/CAN1_TX | P177 | 319 | P177 |
| P178 | 218 | | P178--FSMC_D180/CAN1_TX | P178 | 320 | P178 |
| P179 | 21 | | | | | |

| | | |
|-------|-----|------------|
| BOOT0 | 166 | BOOT0--VPP |
| RESET | | NRST |
| 3.3V | 15 | VDD_1 |
| | 26 | VDD_2 |
| | 44 | VDD_3 |
| | 49 | VDD_4 |
| | 50 | VDD_5 |
| | 62 | VDD_6 |
| | 66 | VDD_7 |
| | 82 | VDD_8 |
| | 81 | VDD_9 |
| | 103 | VDD_10 |
| | 108 | VDD_11 |
| | 114 | VDD_12 |
| | 127 | VDD_13 |
| | 128 | VDD_14 |
| | 130 | VDD_15 |
| | 149 | VDD_16 |
| | 159 | VDD_17 |
| | 172 | VDD_18 |
| | | |
| | 14 | VSS_1 |
| | 27 | VSS_2 |
| | </ | |