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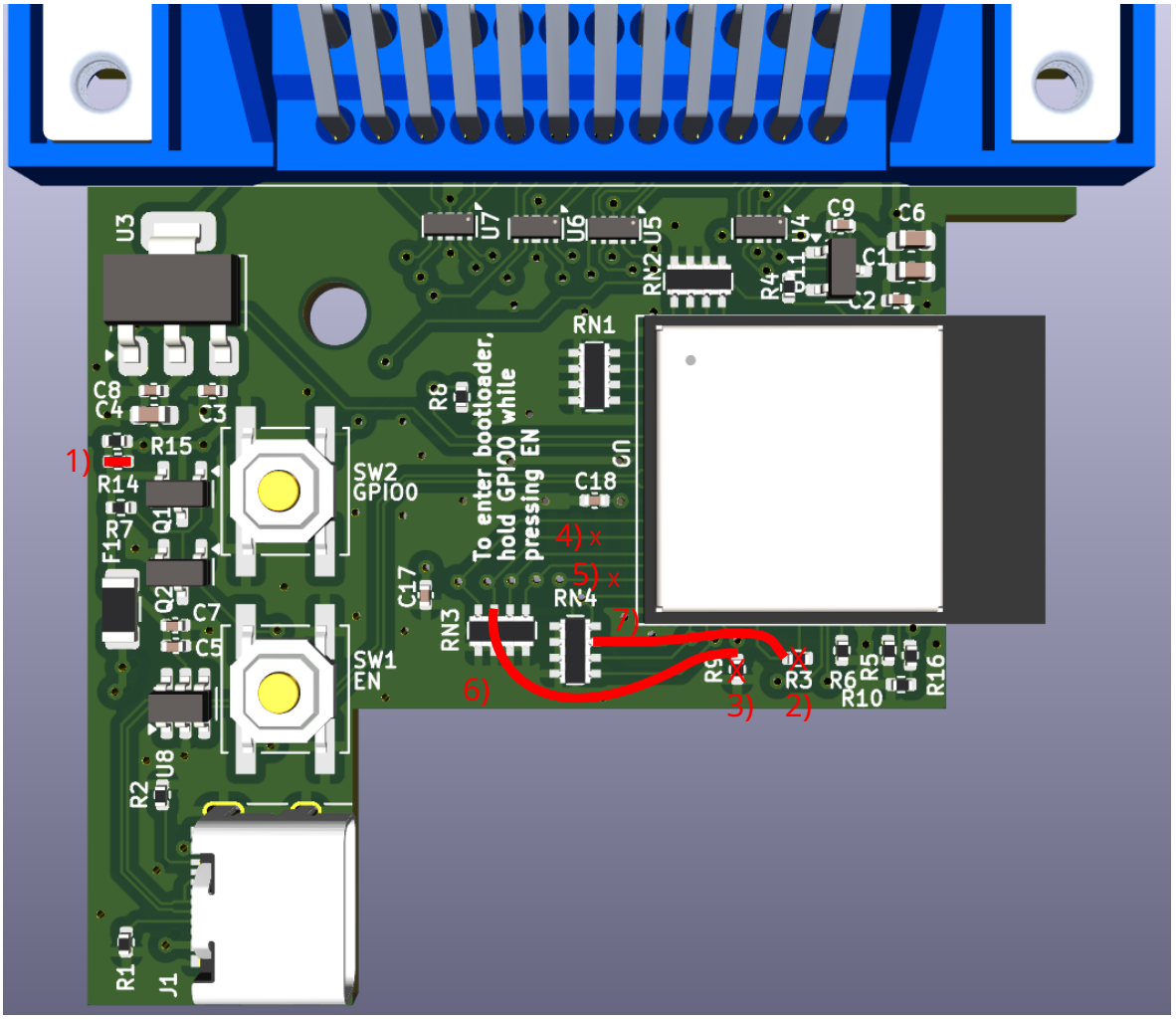
AR488 Rev4

Rework Instructions



1) Bridge R14/R15 (one of them is fine)
   - this disables the inrush current limiting; replacing R14/R15 with 10R also works here
2) Remove R3 - pull-up not needed after rework
3) Remove R9 - pull-down not needed after rework
4) Cut signal T_IFC close to U9
5) Cut signal T_DAV close to U9
6) Connect pin 2 of R9 with pin 7 of RN3 (restores signal T_IFC)
7) Connect pin 1 of R3 with pin 7 of RN4 (restores signal T_DAV)

8) Cut ~{PE} at pin 11 of U1
9) Cut DC at pin 11 of U12
10) Connect ~{PE} (pin 11) of U1 with VCC (pin 20) (open-collector functionality not needed for AR488)
11) Connect DC (pin 12) of U12 with REN (pin 19) (REN and DC can be the same signal)

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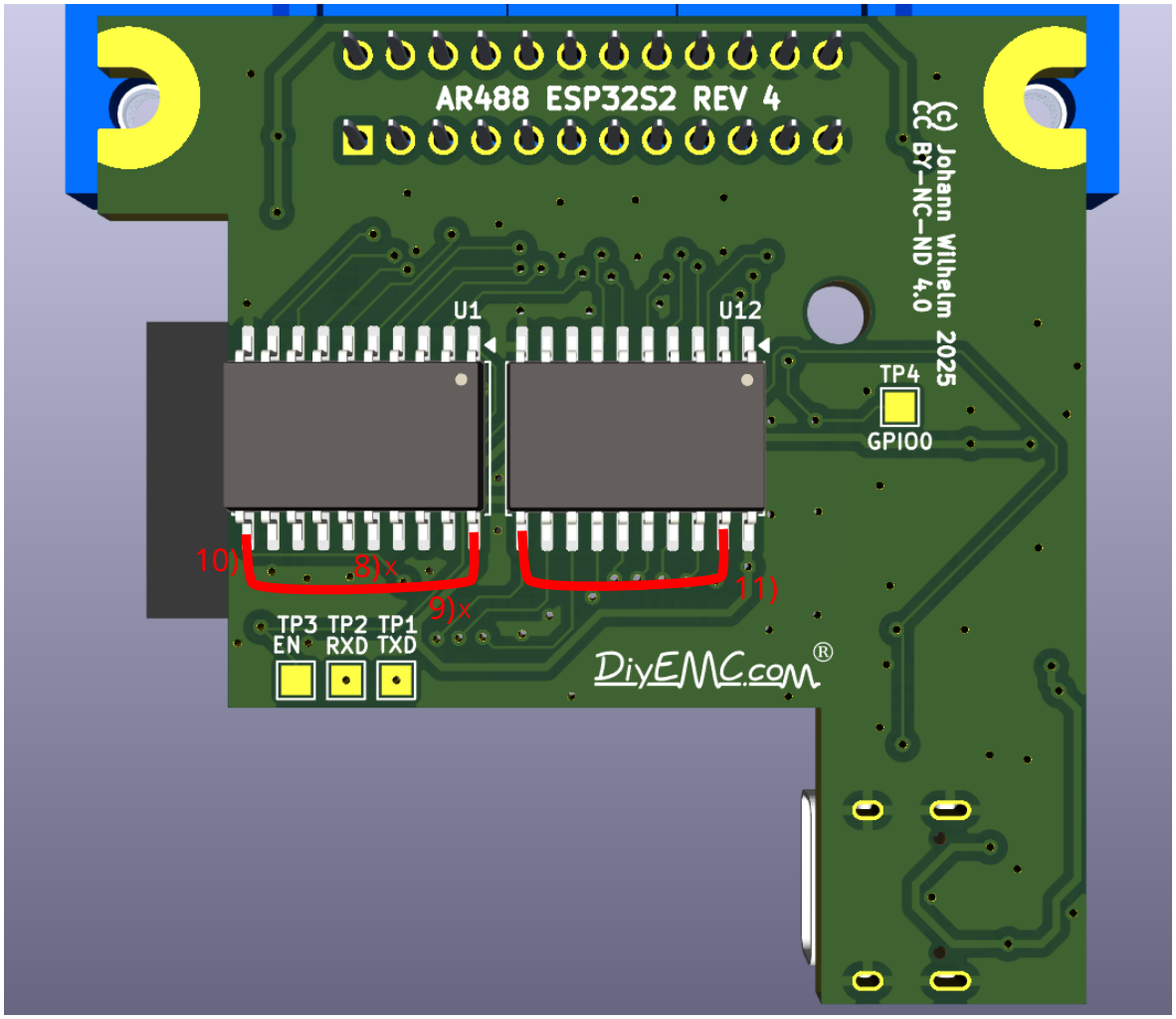
AR488 ESP32S2 REV 4
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U1
U12
TP4
GPIO0
10)
8)x
9)x
11)
TP3 TP2 TP1
EN RXD TXD
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