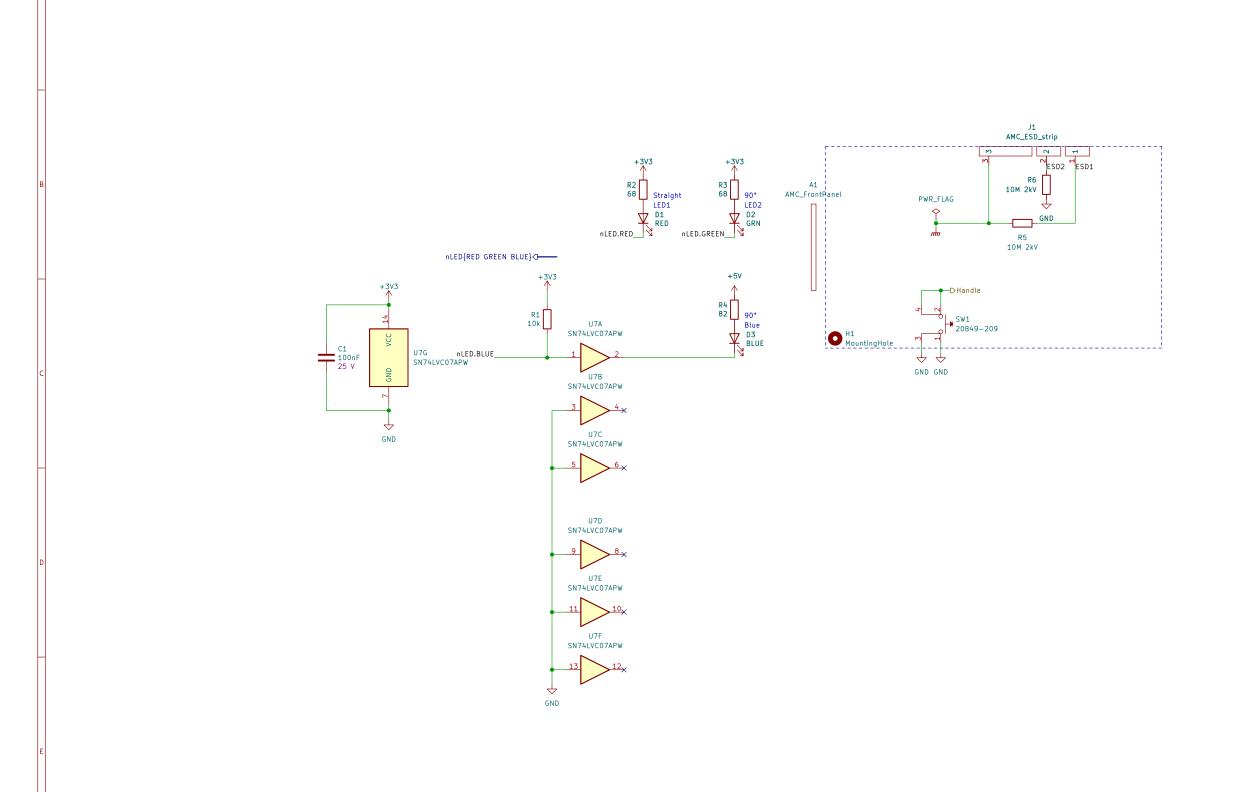


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 Title: AMC Template

 Size: A3
 Date: 2022-09-07

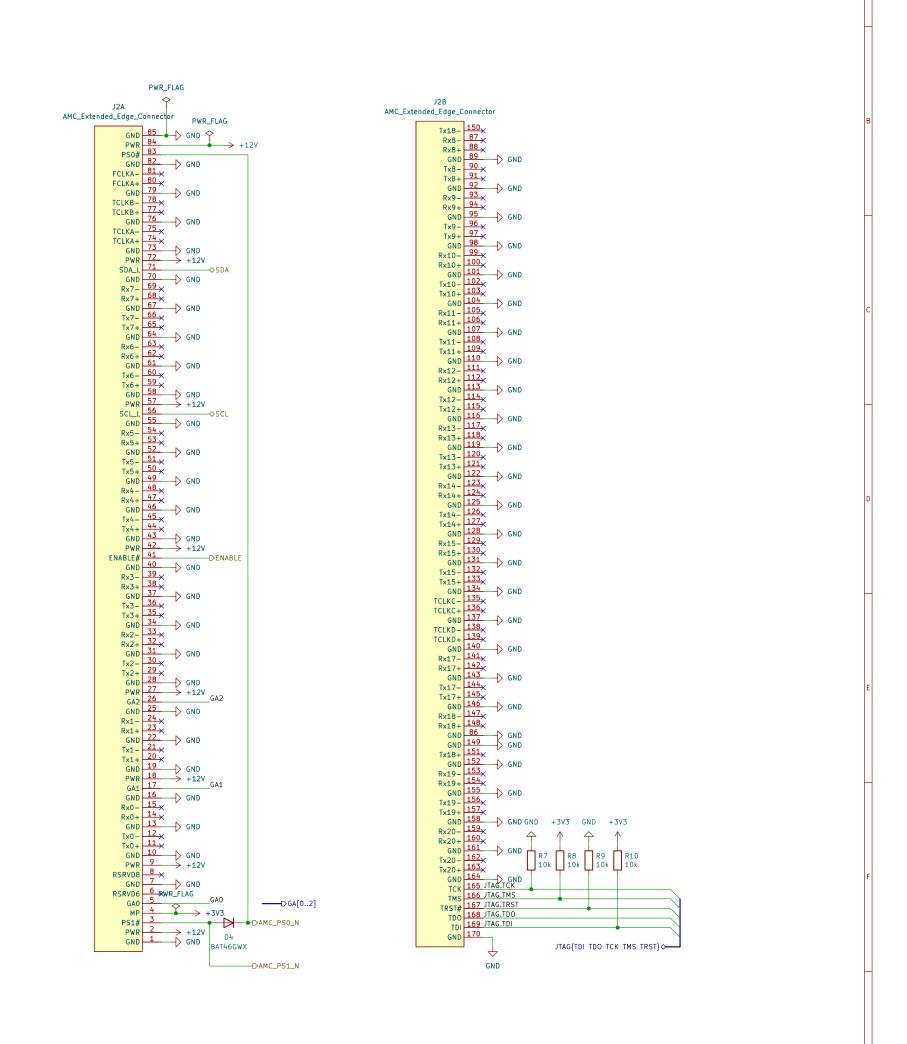
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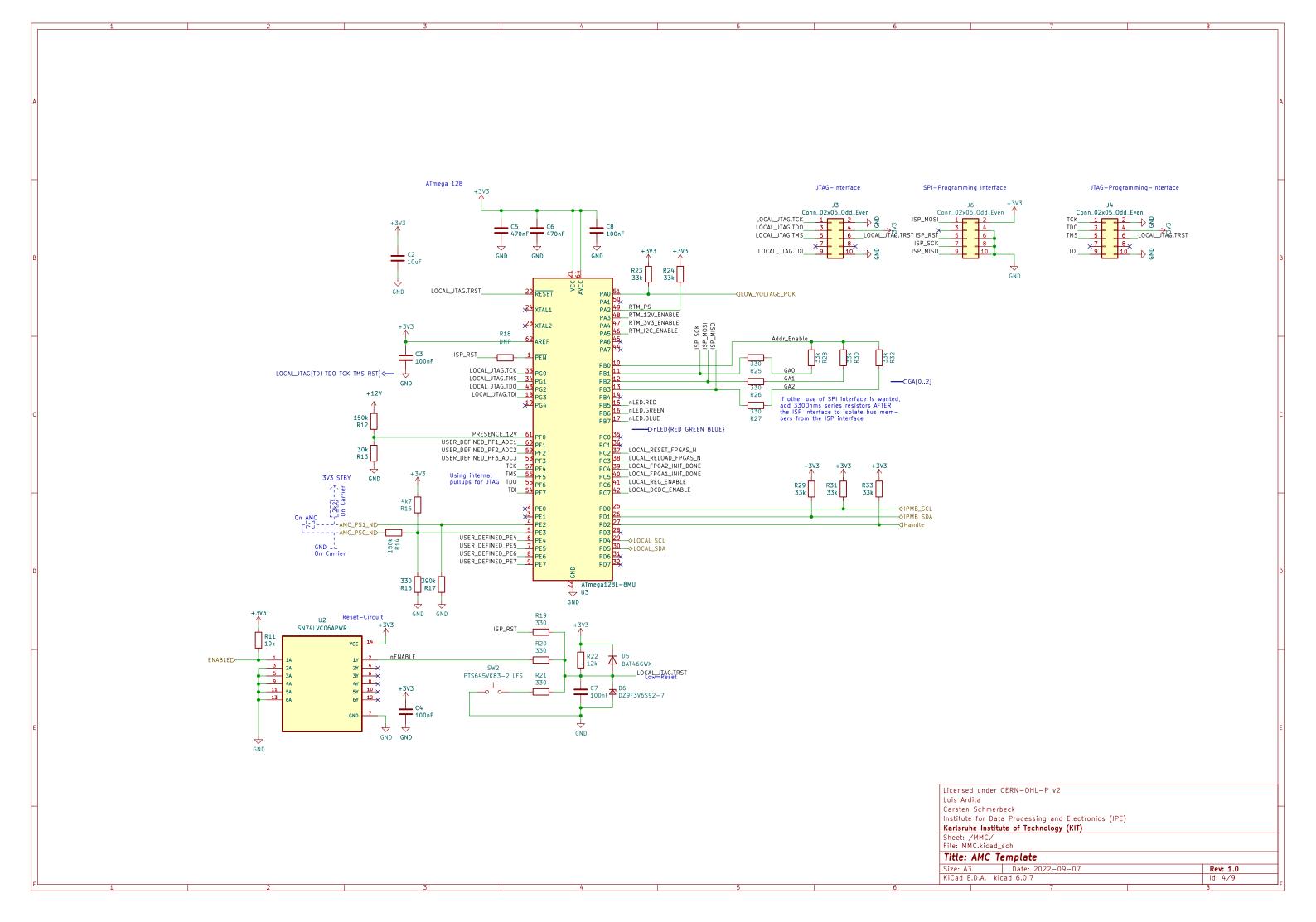
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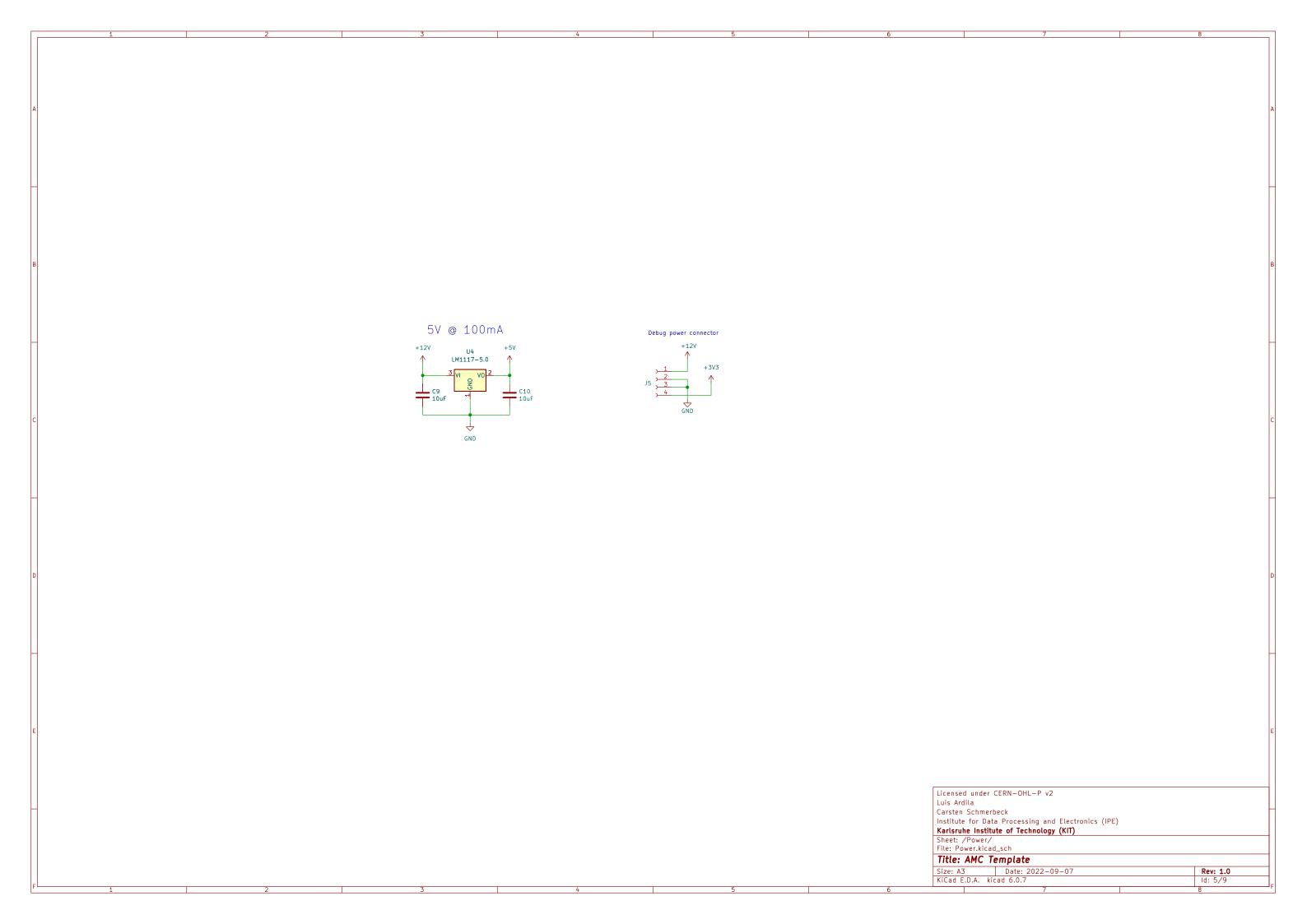
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 kicad 6.0.7

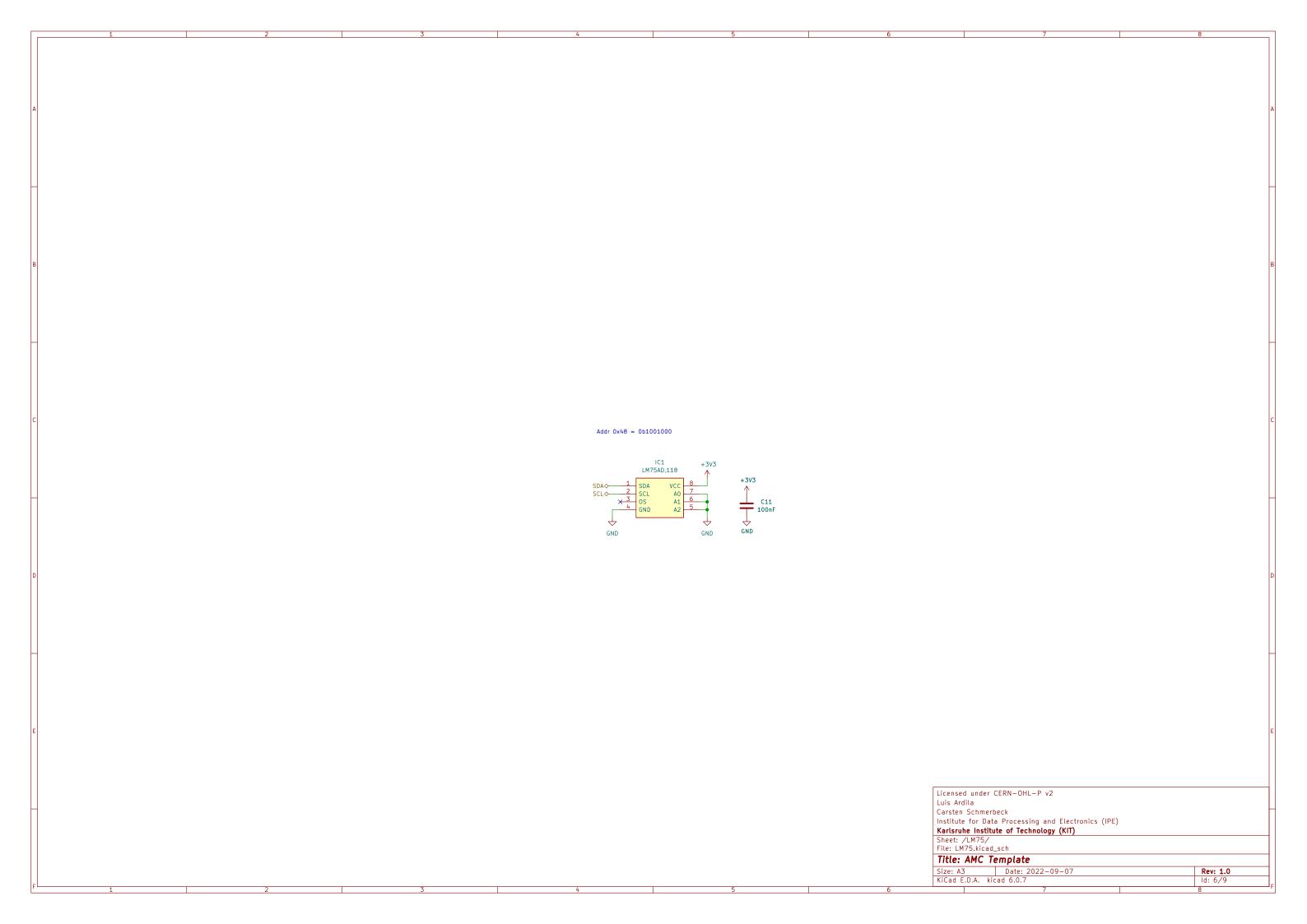


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Title: AMC Template
Size: A3 Date: 2022-09-07 Rev: 1.0
KiCad E.D.A. kicad 6.0.7 Id: 3/9



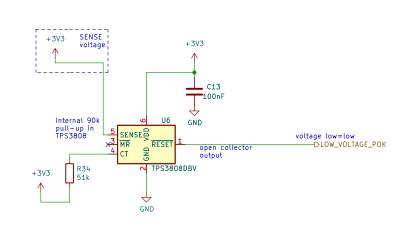




If the DRC gives an error because of the Thermal Pad, manually connect the pad in the Layout to GND I2C Address 8'hA0 -> 8'b1010_000(r/w) 7'h50 -> 7'b101_0000 Licensed under CERN-OHL-P v2
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Sheet: /AT24C512C/
File: AT24C512C.kicad_sch
 Title: AMC Template

 Size: A3
 Date: 2022-09-07

 KiCad E.D.A. kicad 6.0.7



 $C_T = 50k \text{ pull-up } -> 300 \text{ ms delay}$ TPS3808G33 -> Sense = 3.3 V -> Threshold = 3.07V

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Sheet: /TPS3808/
File: TPS3808.kicad_sch

Title: AMC Template
Size: A3 Date: 2022-09-07 Rev: 1.0
KiCad E.D.A. kicad 6.0.7 Id: 8/9

AMC_USR_LED Addr 0x3A = 0b011 1010+5٧ +5V +5V +5V +5V +5V +5V +5V Licensed under CERN-OHL-P v2 Luis Ardila Carsten Schmerbeck Institute for Data Processing and Electronics (IPE) Karlsruhe Institute of Technology (KIT) Sheet: /PCF8574/ File: PCF8574.kicad_sch Title: AMC Template Size: A3 Date: 2022-09-07 KiCad E.D.A. kicad 6.0.7