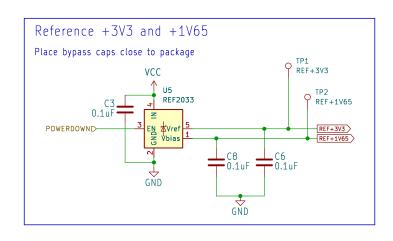
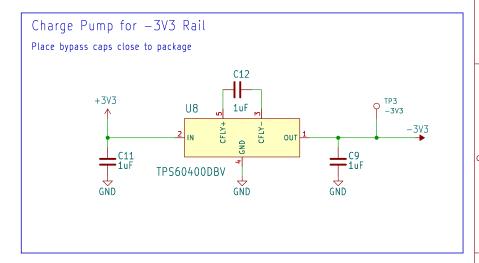
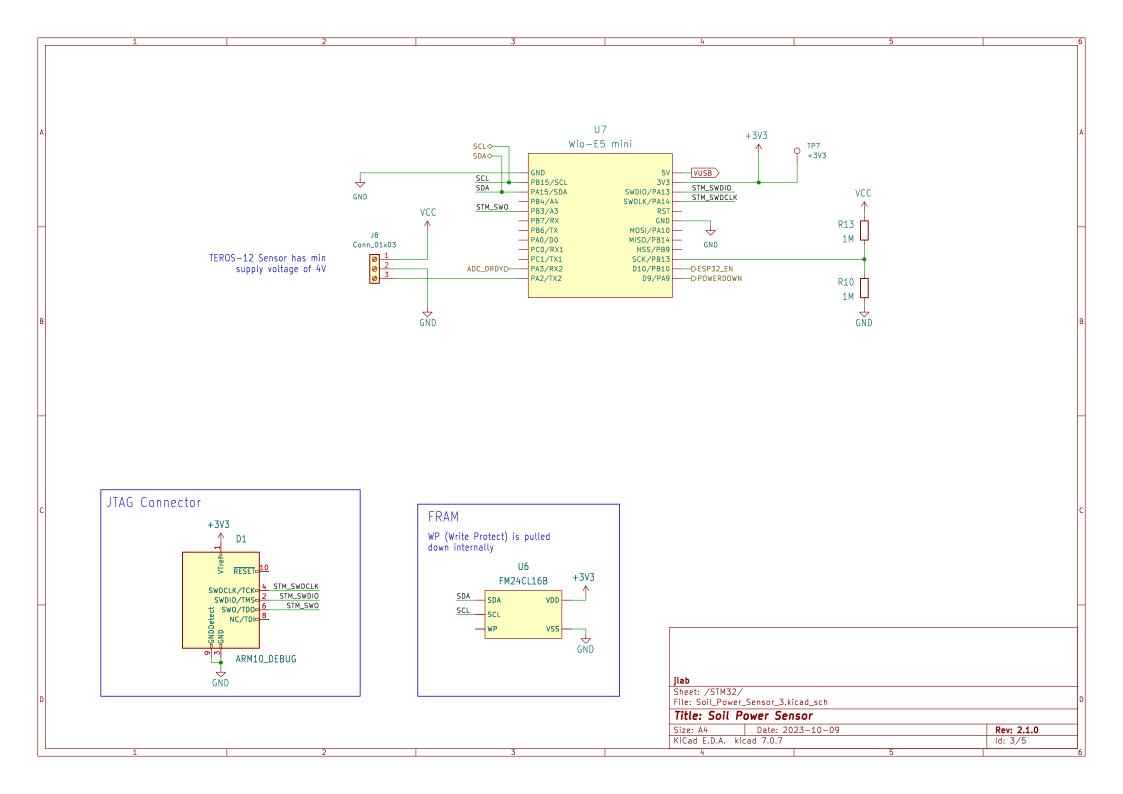


+3V3 comes from LDO on Wio-E5 mini





jlab				
Sheet: /Power/				
File: Soil_Power_Sensor_2.kicad_sch				
Title: Soil P	ower Sen	sor		
Size: A4	Date: 2023-10-09		Rev: 2.1.0	Τ
KiCad E.D.A. kicad 7.0.7			ld: 2/5	
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RC Filter for added delay (values from ESP32 DS) +3V3 +3V3 +3V3 Capacitors placed close to 3V3 pin U9 R12 10k ESP32-C3-MINI-1-N4 C10 10uF C14 0.1uF 3٧3 GND GND 107 21 ESP32_TD0 108 22 109 23 1010 16 1018 26 1019 C13 R11 SCL♦ 10k ESP32_END-ESP32_TMS 18 104 10k ESP32_TDI 19 ESP32_TCK 20 106 BOOT GND 30 RXD0 31 TXD0 UART GND GND JTAG Connector +3V3 D2 RESET-10 SWDCLK/TCK-SWDIO/TMS-2 ESP32_TMS 6 ESP32_TDI 8 ESP32_TDI ESP32_TCK ARM10_DEBUG jlab Sheet: /ESP32/ File: Soil_Power_Sensor_4.kicad_sch Title: Soil Power Sensor Size: A4 Date: 2023-10-09 Rev: 2.1.0 KiCad E.D.A. kicad 7.0.7 ld: 4/5