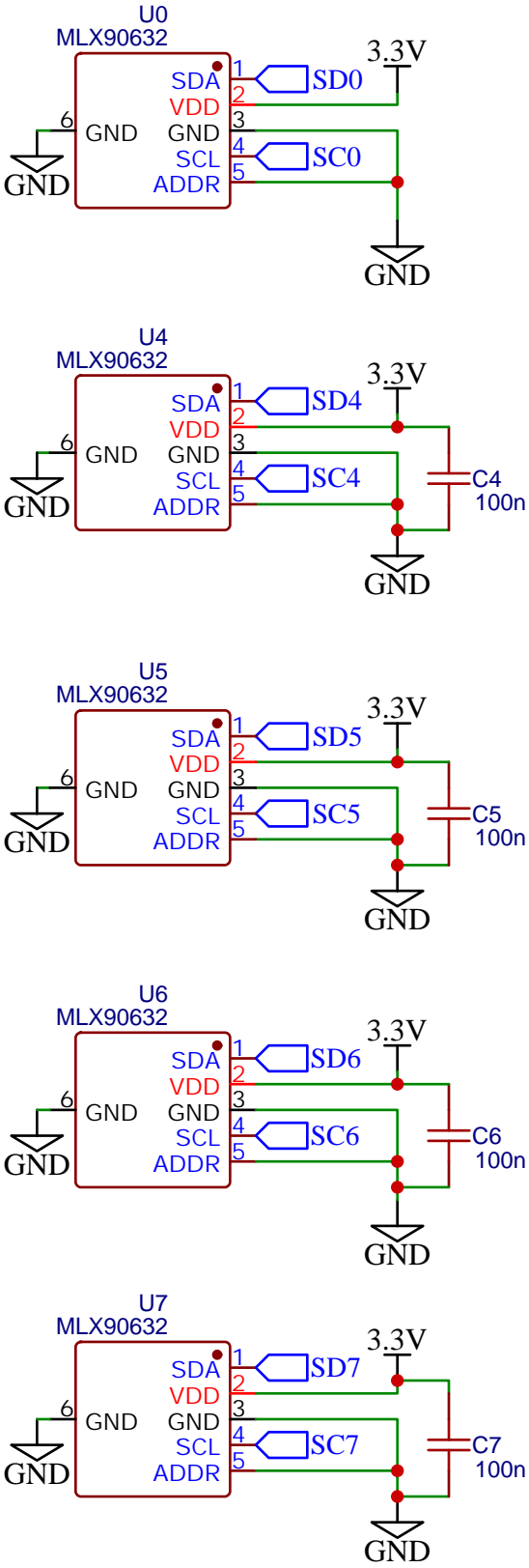


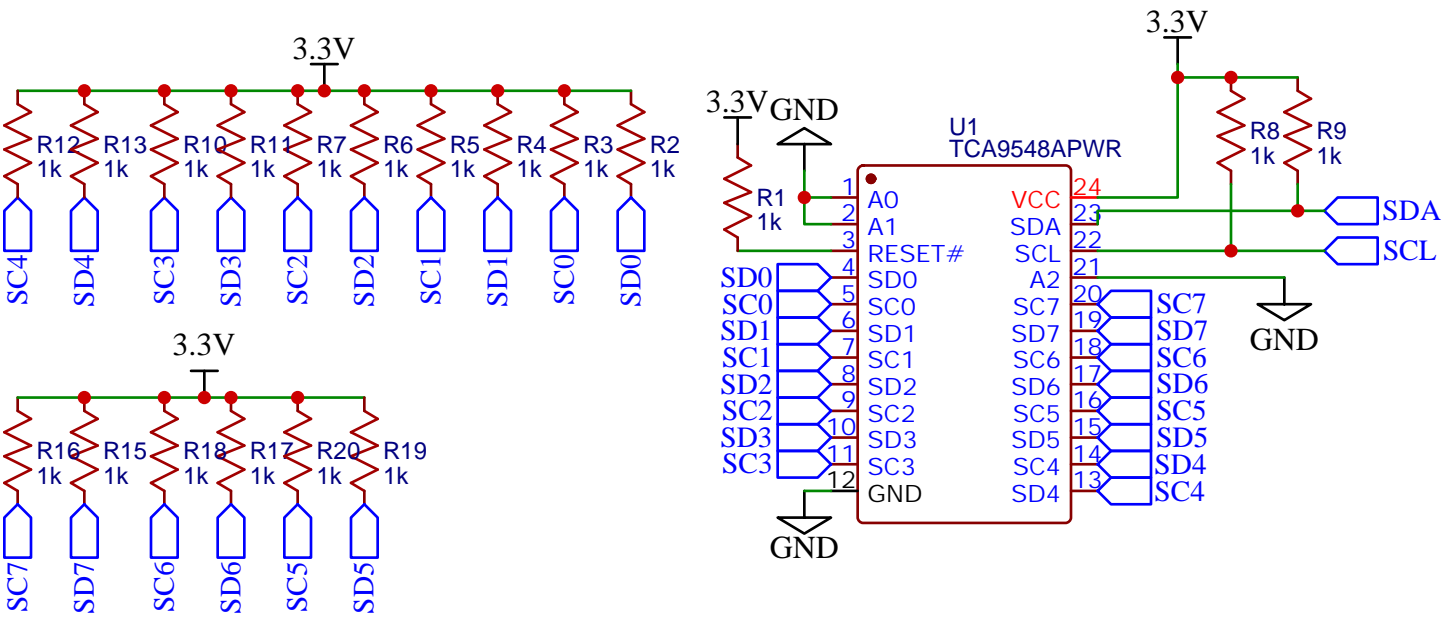
FIR Temp Sensors MLX90632

For Debugging reasons:
Named after channel at I2C_MUX



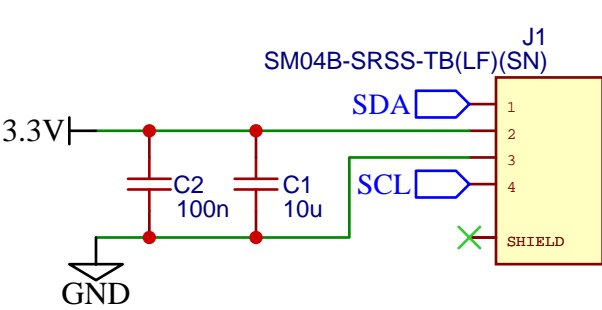
U0 naturally sits close to C1,C2
-> no need for decoupling cap

I2C MUX TCA9548A

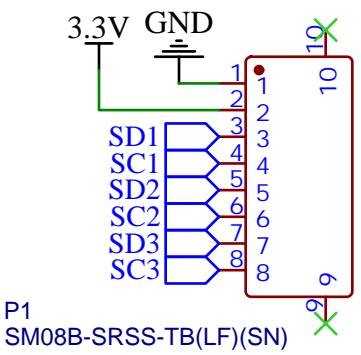
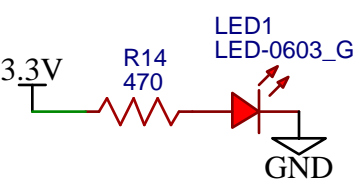


Rp(ullup) chosen as 1k as low sufficient value for standard i2c mode.
It's still a good value for fast mode, if desired.
<https://www.ti.com/lit/an/slva689/slva689.pdf?ts=1682608954163>

SR Connector Side 1mm



Power LED



TITLE: PCB		REV: 1.0
	Company: TECO / KIT	Sheet: 1/1
	Date: 2023-04-27	Drawn By: David Laubenstein