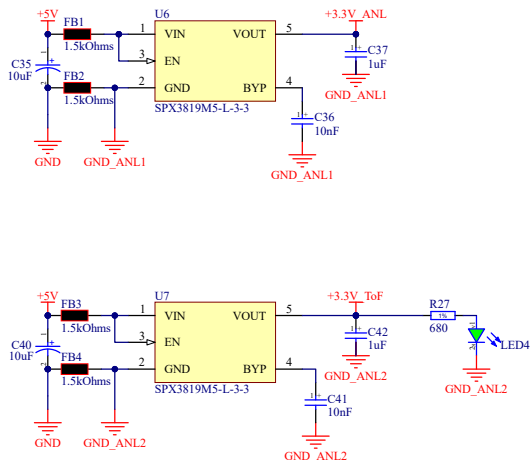
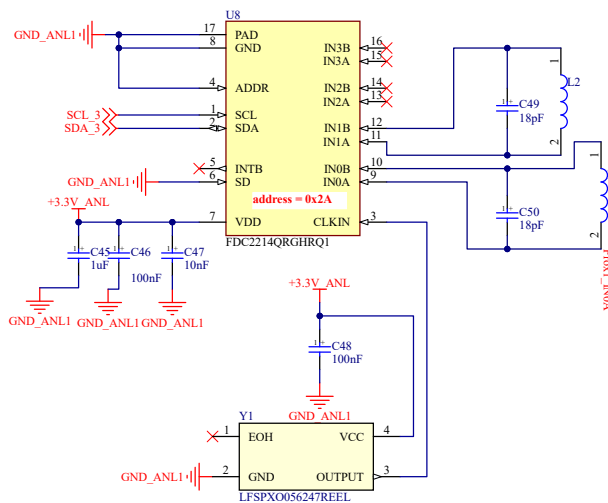
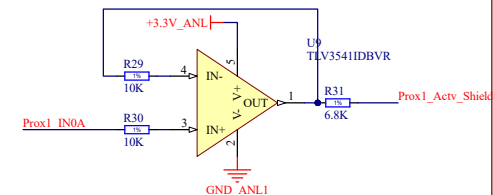




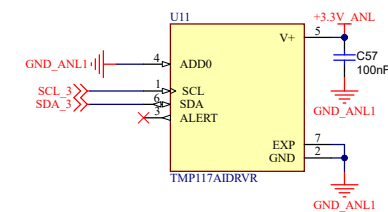
Power for ADC Circuit & ToF
Convert +5V to +3V3



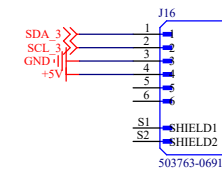
Capacitance-to-Digital Converter
FDC2214 (I2C Address: 0x2A) interfaced with I2C_3



Active Shielding for C-type Electrode



Temperature and Humidity Sensing
TMP117 (I2C Address: 0x48)



Connector
SlimStack (@Molex)

Title: [Gen4]ADC.SchDoc		
Revision:	Sheet 1 of 1	Size: A3
DrawnBy:	Time: 5:56:32	
CheckedBy:	Date: 2026-08-24	