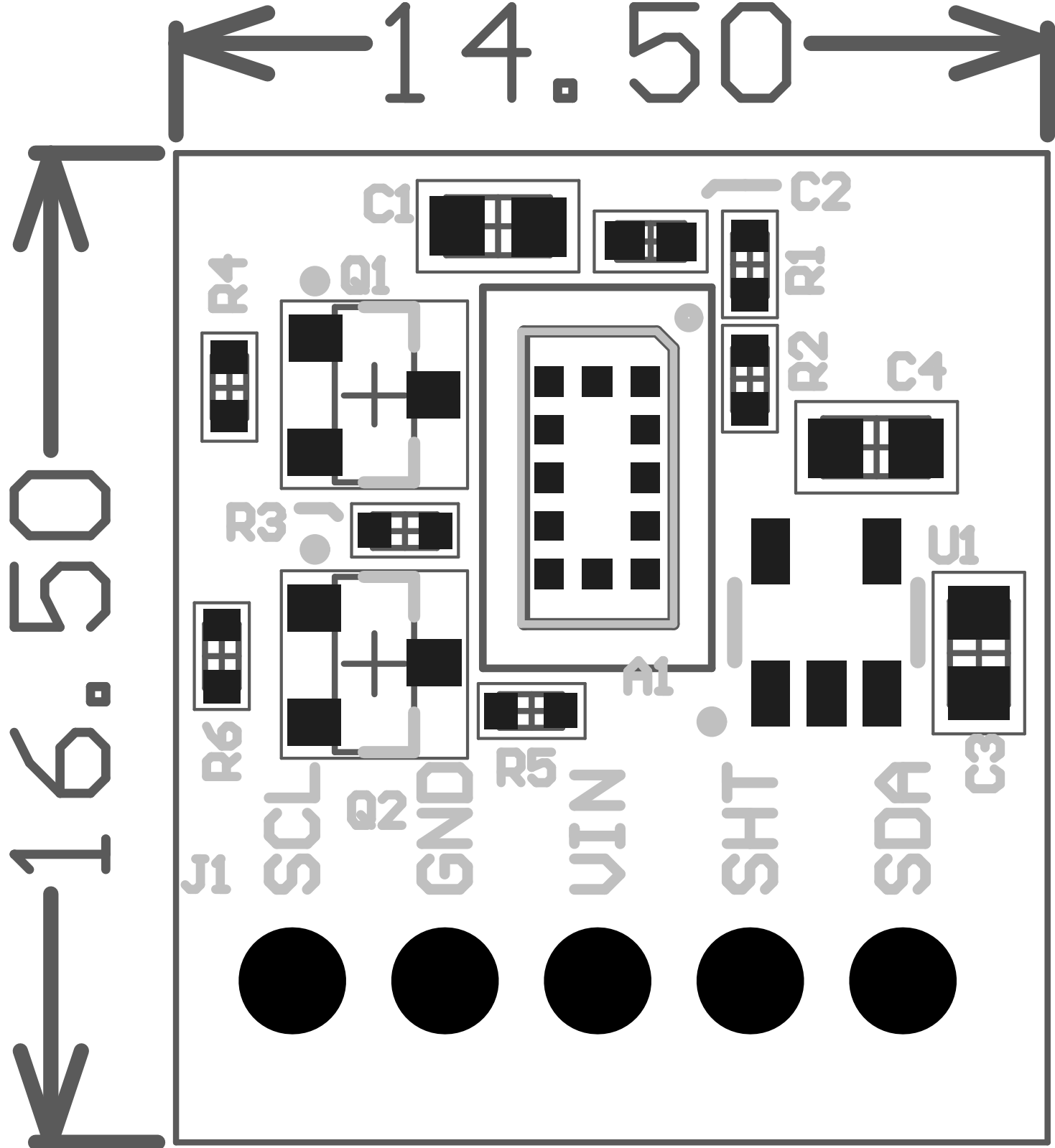
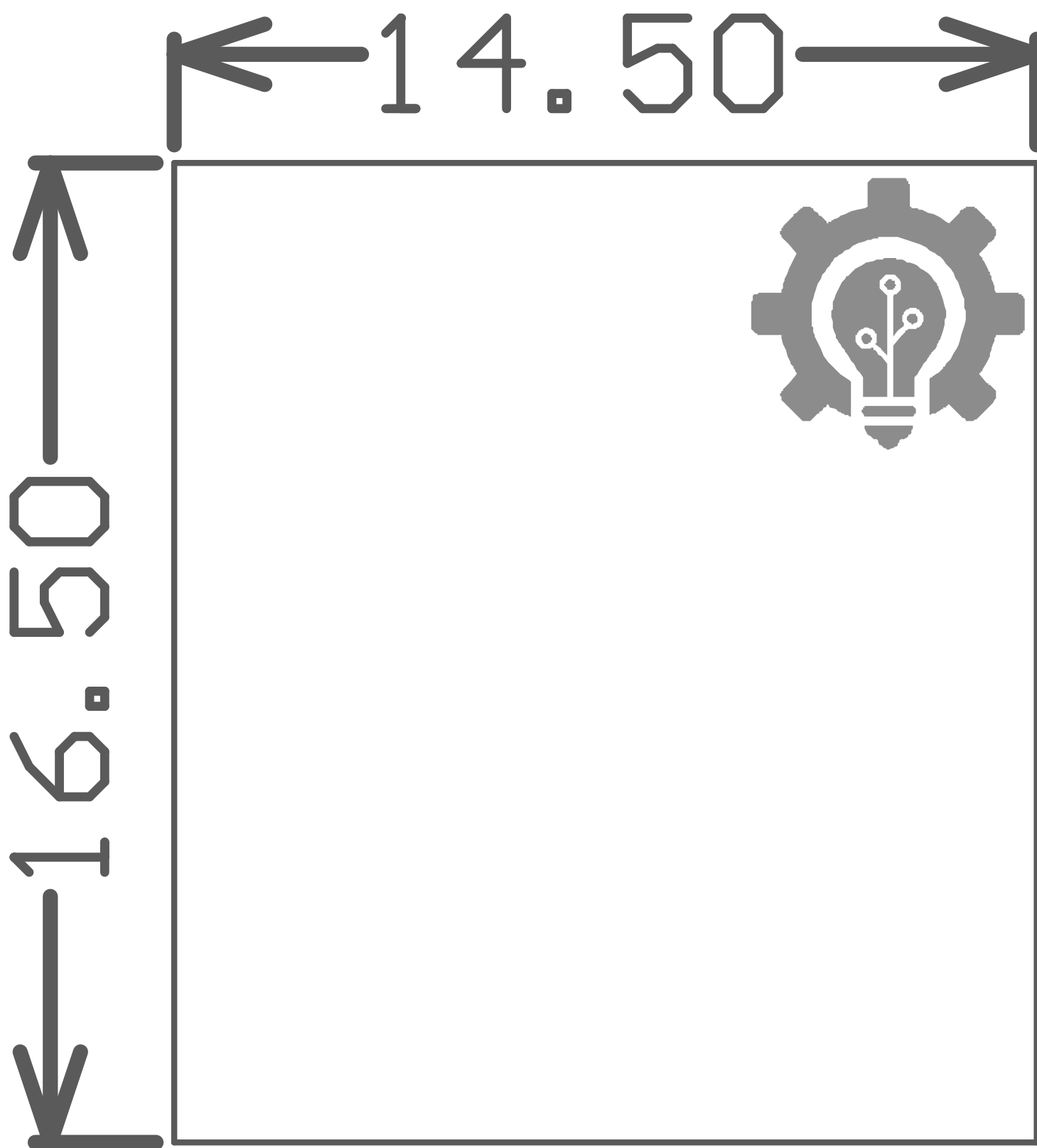
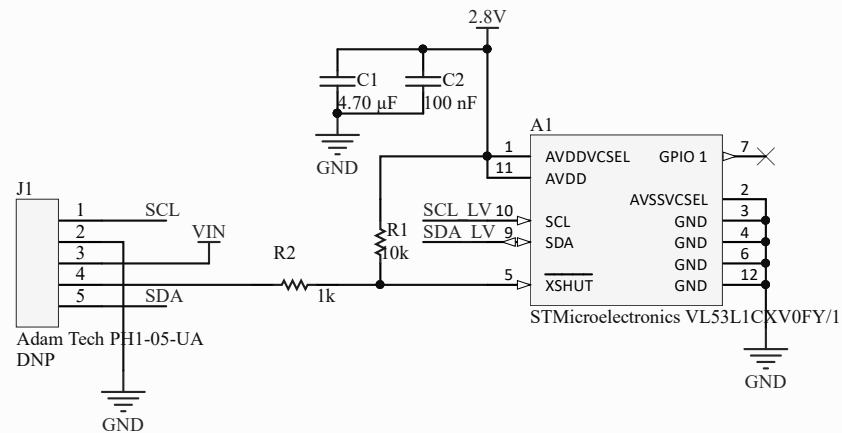


Comment	Description	Designator	DNP	Quantity
STMicroelectronics VL53L1CXV0FY/1	Proximity Sensor Environmental 4mm 2.6V to 3.5VDC 12-Pin LGA T/R	A1		1
Samsung CL10A475MQ8NNNC	CL10 Series 4.7 uF 6.3 V ±20 % Tolerance X5R SMT Multilayer Ceramic Capacitor	C1, C3, C4		3
Samsung CL05A104KA5NNNC	Ceramic capacitor SMD-0402 100nF /25V X5R# K +-10%, Samsung, RoHS	C2		1
Adam Tech PH1-05-UA	Conn Unshrouded Header HDR 5 POS 2.54mm Solder ST Thru-Hole	J1	DNP	1
Nexperia 2N7002NXAKR	2N7002NXAK - 60 V, single N-channel Trench MOSFET	Q1, Q2		2
Stackpole Electronics RMCF0402JT10K0	Res Thick Film 0402 10K Ohm 5% 0.063W(1/16W) ±100ppm/C Pad SMD Automotive T/R	R1, R4, R6		3
Stackpole Electronics RMCF0402JT1K00	Res Thick Film 0402 1K Ohm 5% 0.063W(1/16W) ±100ppm/C Pad SMD Automotive T/R	R2		1
Stackpole Electronics RMCF0402JT10K0	Res Thick Film 0402 10K Ohm 5% 0.063W(1/16W) ±100ppm/C Pad SMD Automotive T/R	R3, R5	DNP	2
Microchip MIC5504-2.8YM5-TR	Single 300mA LDO wit	U1		1

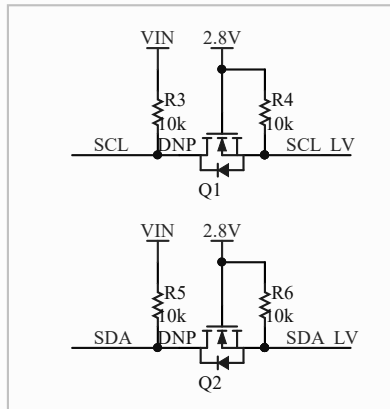




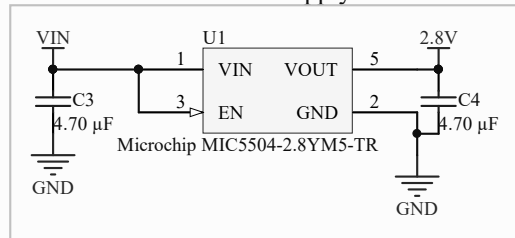
Note: This pinout is done to prevent damage on reversed connection



Level Shift for I2C



2.8V Power Supply



Title		
Size	Number	Revision
A		
Date:	5/12/2021	Sheet of
File:	Main Board.SchDoc	Drawn By:

