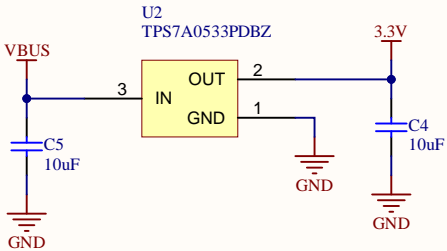
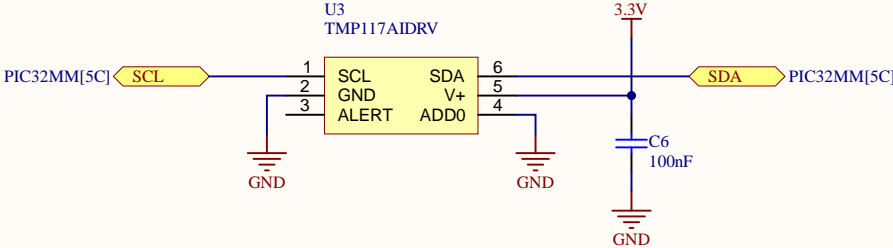
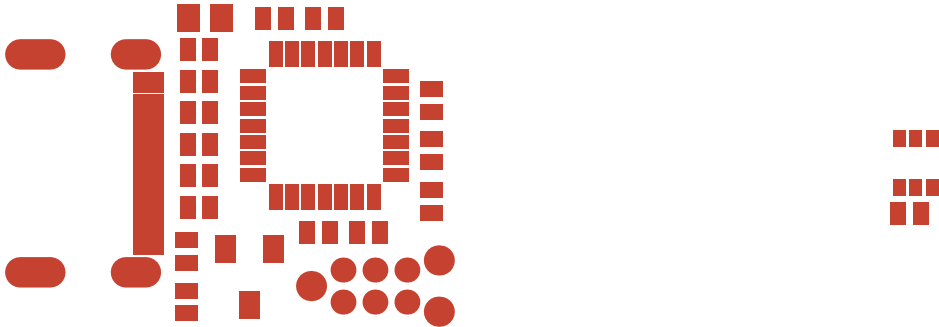
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		SIZE A4	PROJECT x-IMU3 Thermometer
VARIANT [No Variations]		VERSION v1.3	
AUTHOR Seb Madgwick		SHEET 2 OF 4	
		DATE 12/17/2024	

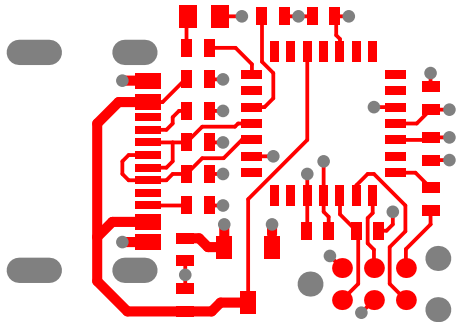


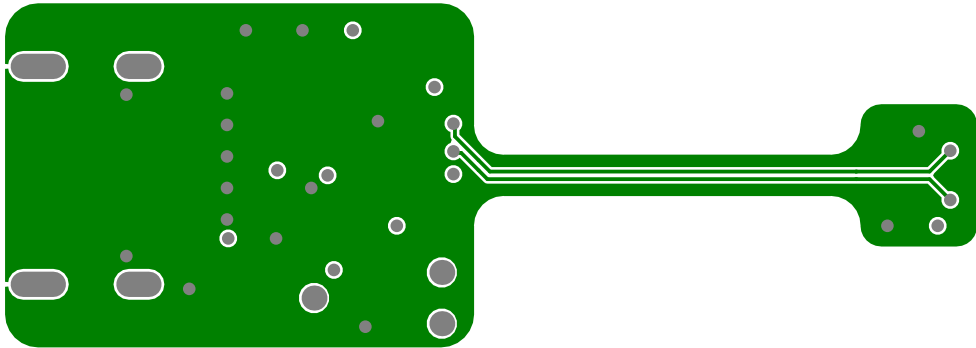
TITLE 3.3V Regulator.SchDoc			VERSION v1.3	
SIZE A4	PROJECT x-IMU3 Thermometer			
VARIANT [No Variations]			SHEET 3	OF 4
AUTHOR Seb Madgwick			DATE 12/17/2024	

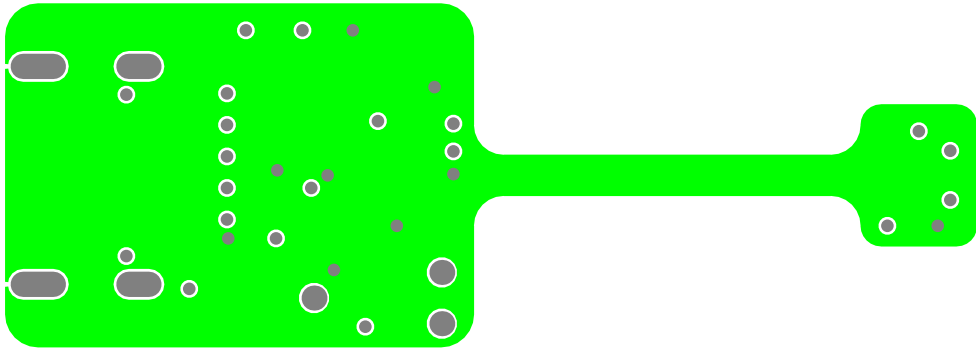


TITLE		Thermometer.SchDoc	
SIZE	PROJECT	VERSION	
A4	x-IMU3 Thermometer	v1.3	
VARIANT	[No Variations]	SHEET	4 OF 4
AUTHOR	Seb Madgwick	DATE	12/17/2024







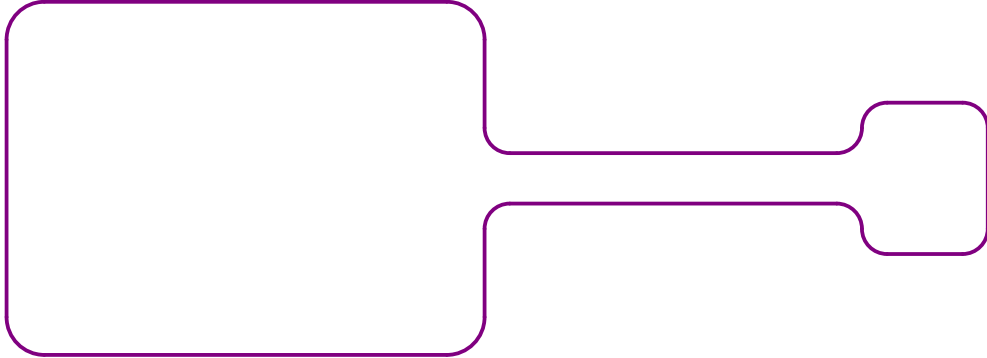




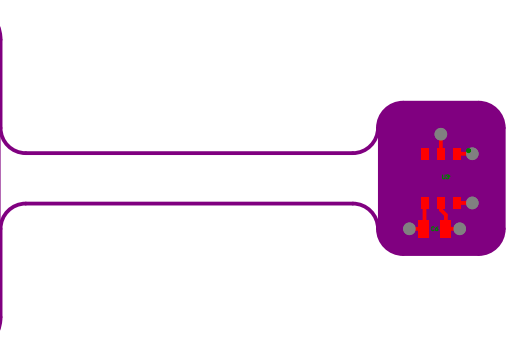
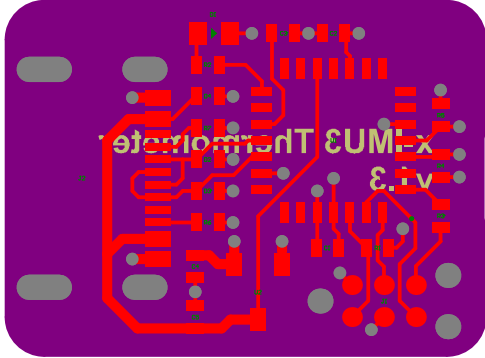


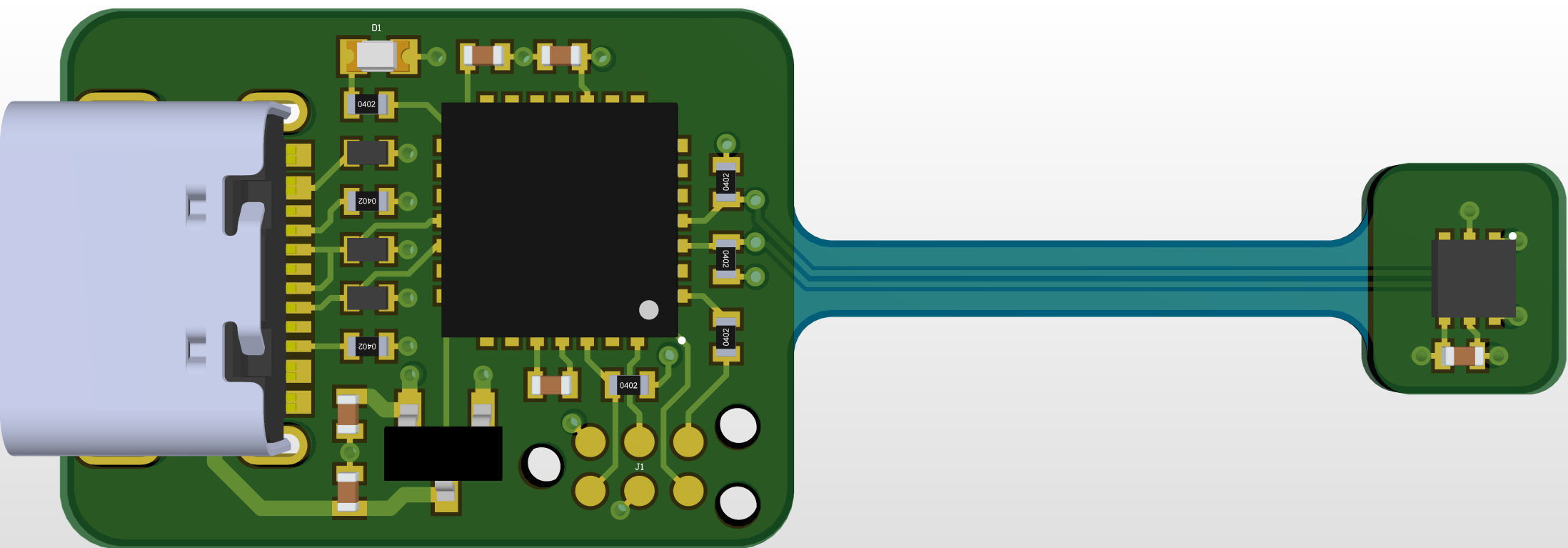
x-IMI3 Thermometer

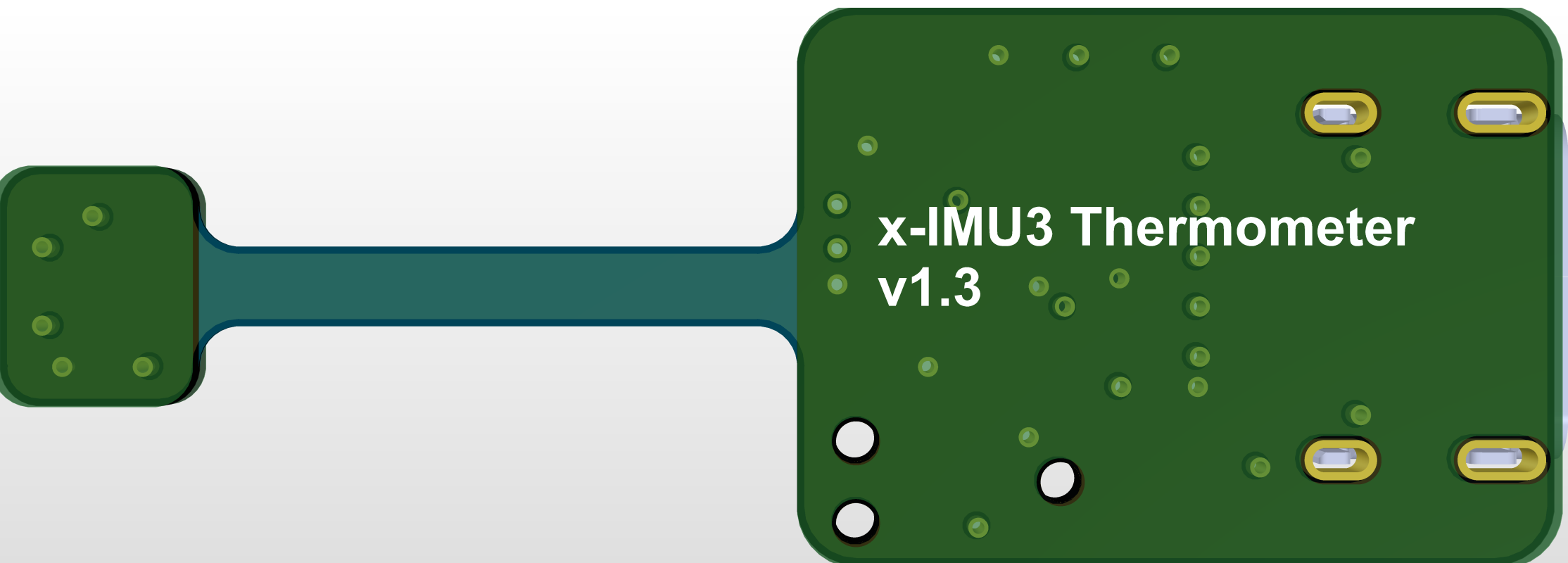
v1.3



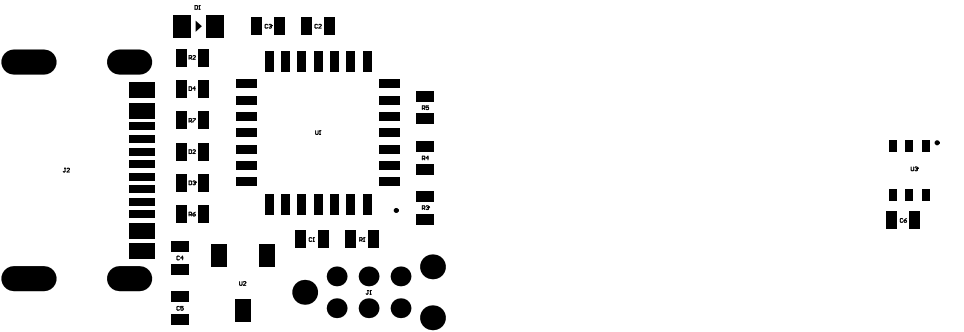








**x-IMU3 Thermometer
v1.3**



x-IMU3 Thermometer

v1.3



Designator	Quantity	Comment	Footprint
C1, C2, C6	3	100nF	Capacitor 0402
C3, C4, C5	3	10uF	Capacitor 0402
D1	1	APT1608VRCXF/A-5MAV	LED 0603
D2, D3, D4	3	SP0402B-ULC-01ETG	Diode TVS 0402
J1	1	DNP	Tag Connect No Legs
J2	1	Molex 217179-0001	Molex 217179-0001
R1, R4, R5, R6, R7	5	5.1kR	Resistor 0402
R2, R3	2	470R	Resistor 0402
U1	1	PIC32MM0256GPM028-I/ML	QFN-28
U2	1	TPS7A0533PDBZ	SOT-23
U3	1	TMP117AIDRV	WSON-6