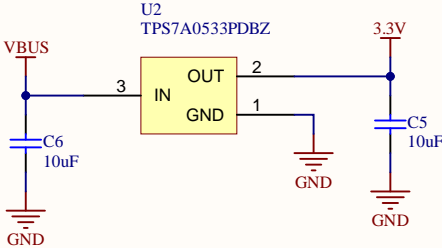
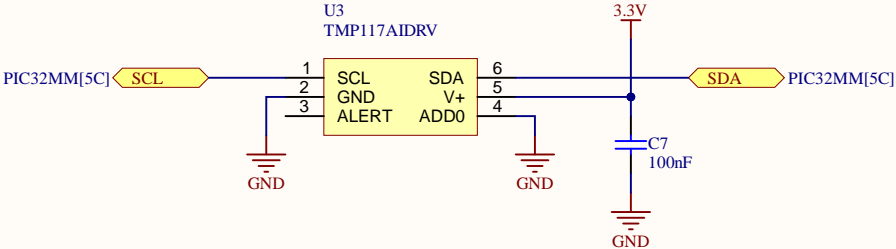


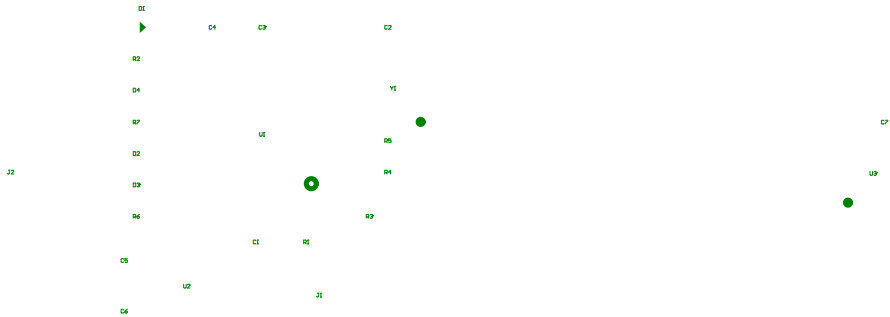
TITLE USB-C.SchDoc			VERSION v1.0	
SIZE A4	PROJECT x-IMU3 Thermometer			
VARIANT [No Variations]			SHEET 2	OF 4
AUTHOR Seb Madgwick			DATE 29/03/2024	

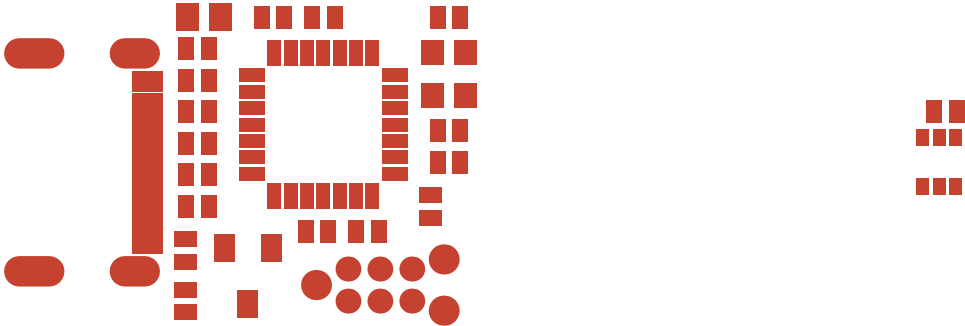


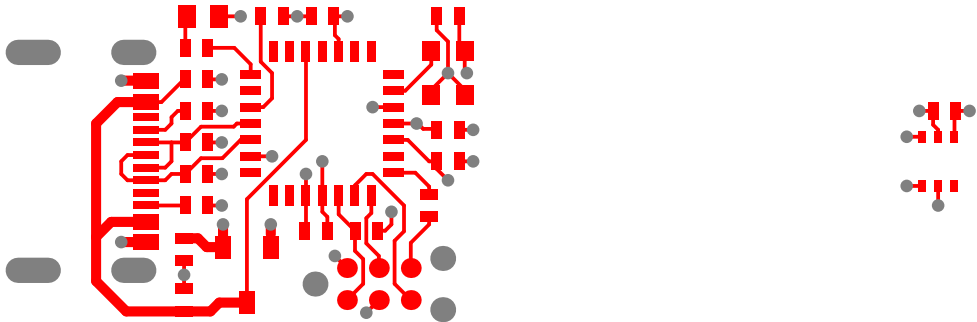
TITLE 3.3V Regulator.SchDoc			VERSION v1.0	
SIZE A4	PROJECT x-IMU3 Thermometer			
VARIANT [No Variations]			SHEET 3	OF 4
AUTHOR Seb Madgwick			DATE 29/03/2024	

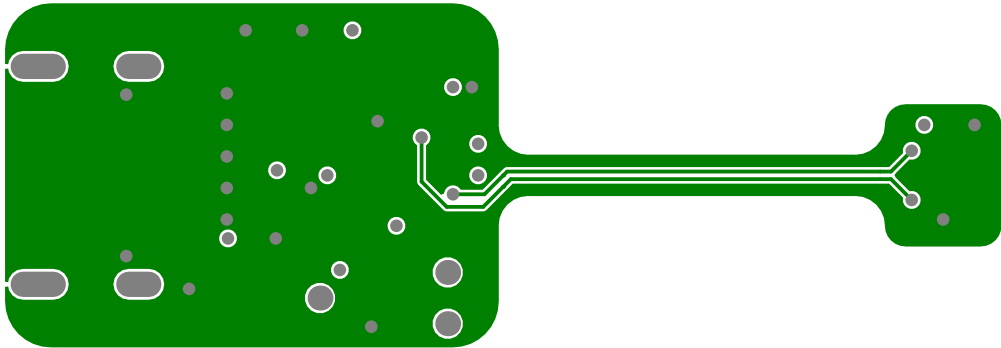


TITLE Thermometer.SchDoc			
SIZE A4	PROJECT x-IMU3 Thermometer		VERSION v1.0
VARIANT [No Variations]		SHEET 4	OF 4
AUTHOR Seb Madgwick		DATE 29/03/2024	

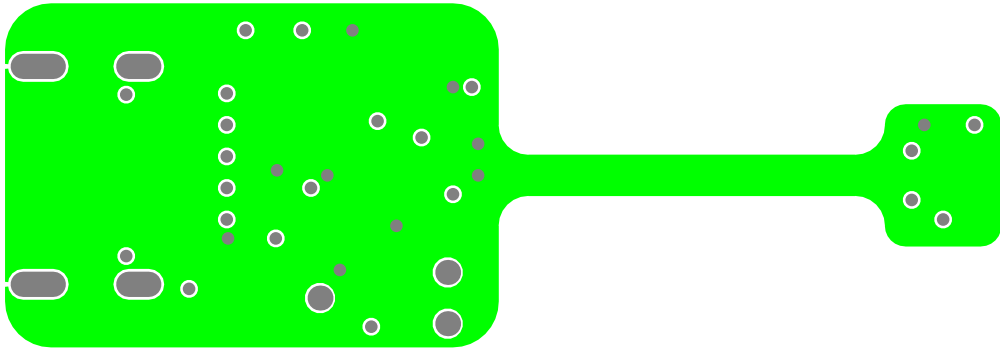








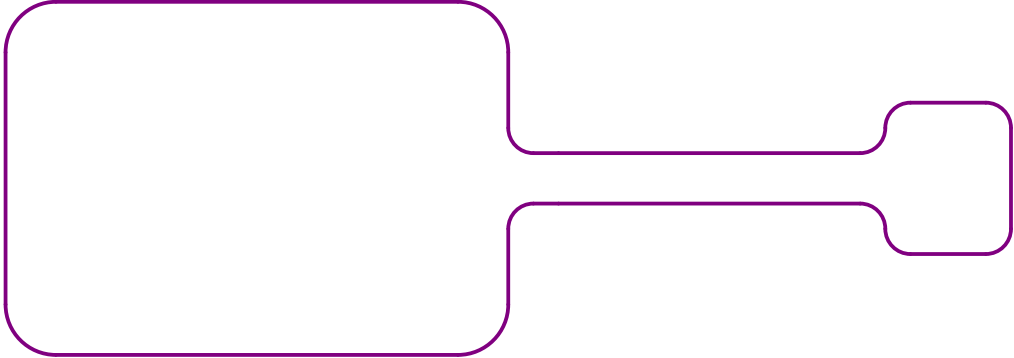


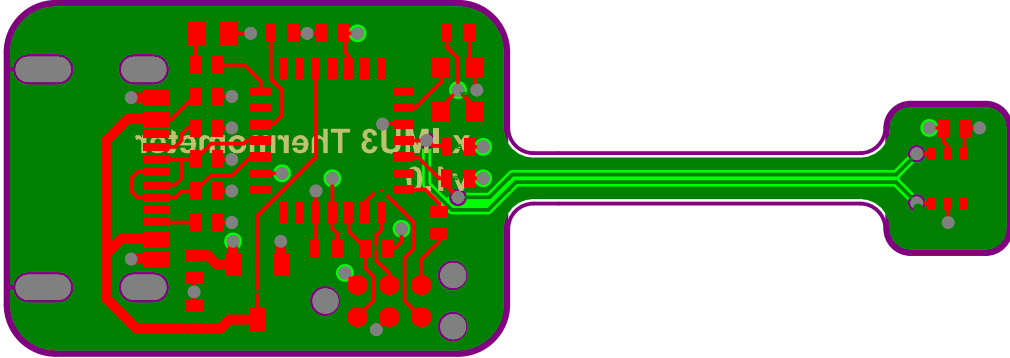


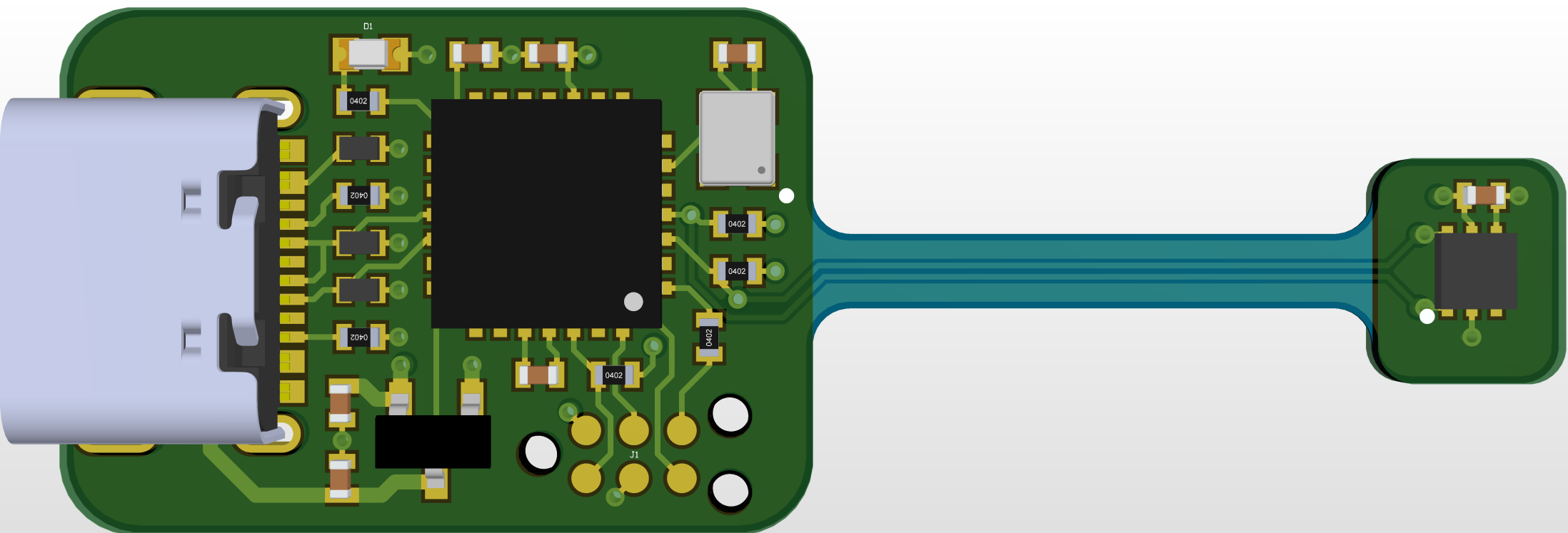


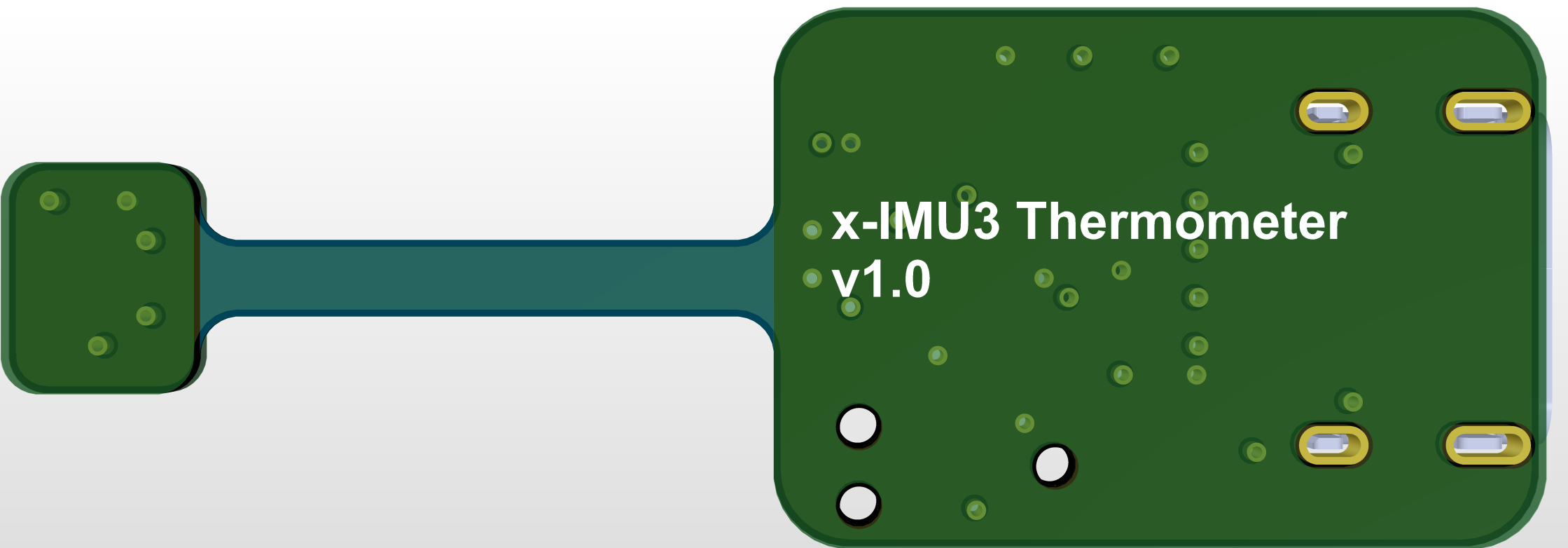


x-IMI3 Thermometer  
v1.0





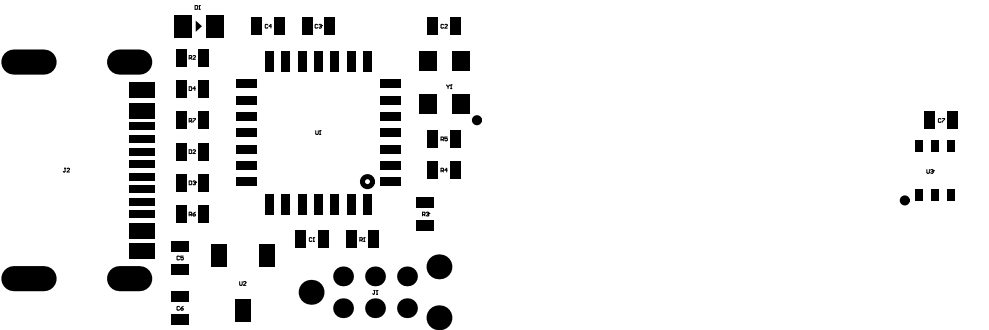




**x-IMU3 Thermometer  
v1.0**







# x-IMU3 Thermometer

## v1.0



Designator	Quantity	Comment	Footprint
C1, C2, C3, C7	4	100nF	Capacitor 0402
C4, C5, C6	3	10uF	Capacitor 0402
D1	1	APT1608VRCXF/A-5MAV	LED 0603
D2, D3, D4	3	SP0402B-ULC-01ETG	Diode TVS 0402
J1	1	Tag Connect No Legs	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	WSO6N-6
Y1	1	ECS-TXO-2520-33-240-AN-TR	ECS 2x2.5mm