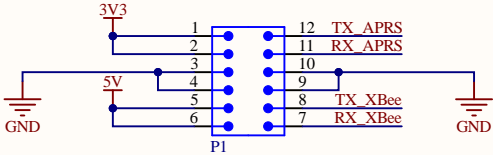


Connections

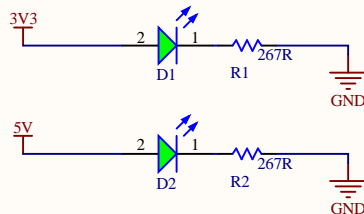
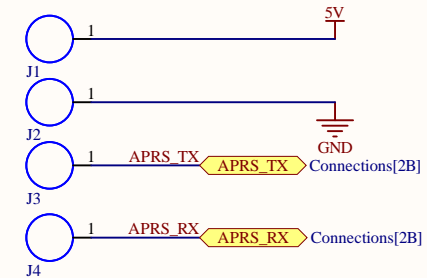
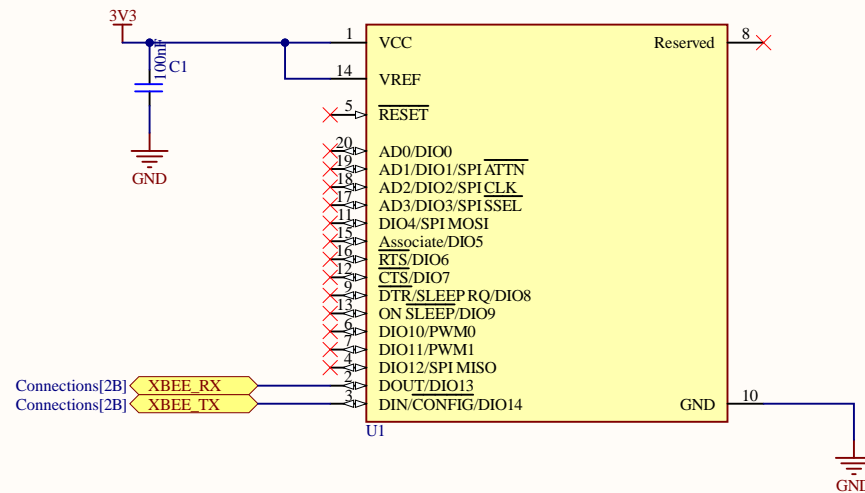
U_Telemetry
Telemetry.SchDoc



Project: <i>Telemetry_Board.PrjPcb</i>		Cannot open file C:\Users\Mohammed\Downloads\FINAL LIT LOGO (1).png. File does not exist.
Sheet Title: <i>Connections.SchDoc</i>		
Size: <i>A4</i>	Schematic Designer: <i>Mohammed Abdeen</i>	
	PCB Designer: <i>Mohammed Abdeen</i>	
	Responsible Enginner: <i>Mohammed Abdeen</i>	
Date: <i>5/24/2025</i>	Revision: <i>A</i>	Sheet: <i>1 / 2</i>
Propriety of LIT @ Georgia Institute of Technology <i>Atlanta, Georgia, United States of America</i>		

Telemetry

XBee Telemetry (Team Communication)

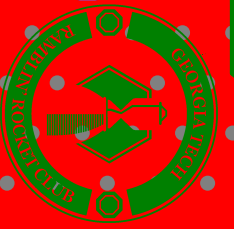
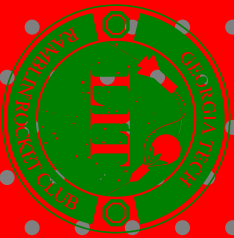


Insert 90R here for I=20mA

Insert 150R here for I=20mA

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A4	PCB Designer: Mohammed Abdeen	
	Responsible Engineer: Mohammed Abdeen	
Date: 5/24/2025	Revision: A	Sheet: 2 / 2
Propriety of LIT @ Georgia Institute of Technology Atlanta, Georgia, United States of America		

مجلس
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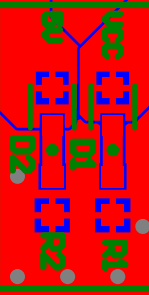


BOARD ID

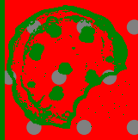
FE

ACC Leads

Hanayyed Ahdren
Hannayyed Ahdren

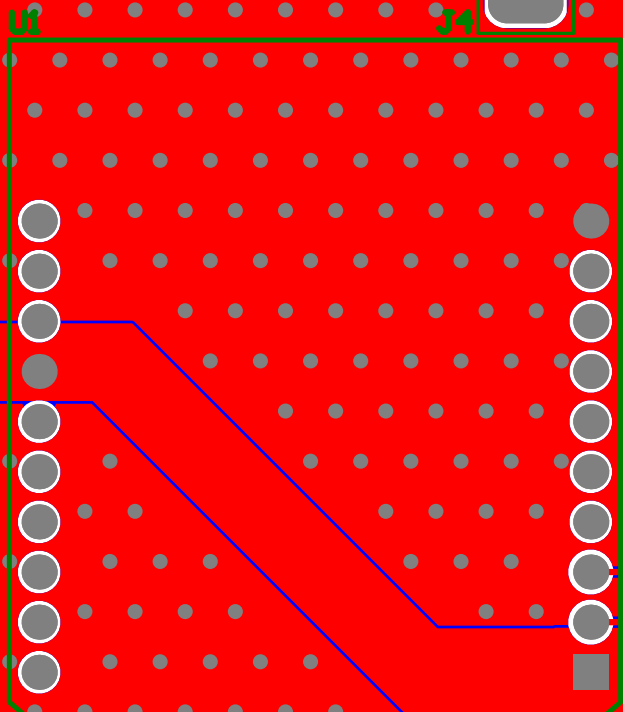
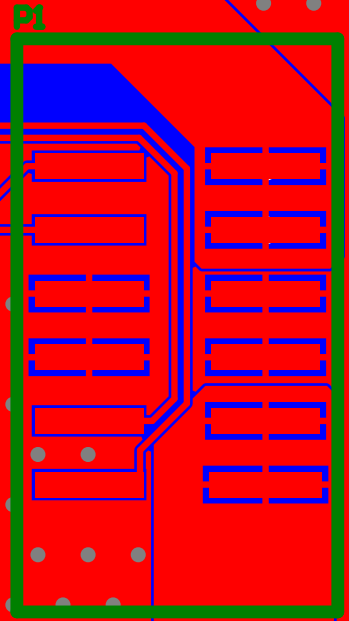
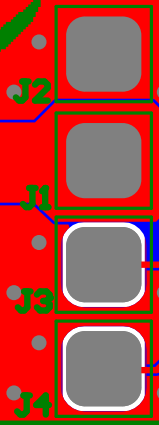


BISCUIT



Aladin

RevA



Comment	Description	Designator	Footprint	LibRef	Quantity
AGC0603X7R500-104KNP	100nF±10%50V Ceramic Capacitor X7R0603 (1608 Metric)	C1	0603-CAP	AGC0603X7R500-104KNP	1
LTST-C190KGKT	Green 571nm LED Indication - Discrete 2V0603 (1608 Metric)	D1, D2	FP-LTST-C190KGKT-MFG	LED-0603-Green_	2
Solder Pad	Use for external and high current connections (cheaper than castellated holes)	J1, J2, J3, J4	Solder_Pad	Solder_Pad	4
HTST-106-01-L-DV-P-TR	Connector Header Through Hole 12 position 0.100" (2.54mm)	P1	HTST-106-01-L-DV-P-TR	BoardToBoard_Bottom	1
ERJ-3EKF2670V	267 Ohms ±1%0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film	R1, R2	0603-RES	RES-0603-267R	2
XBP9B-XCST-001	General ISM < 1GHz Transceiver Module 900MHz Antenna Not Included, RP-SMA Through Hole	U1	XBee	XBee	1