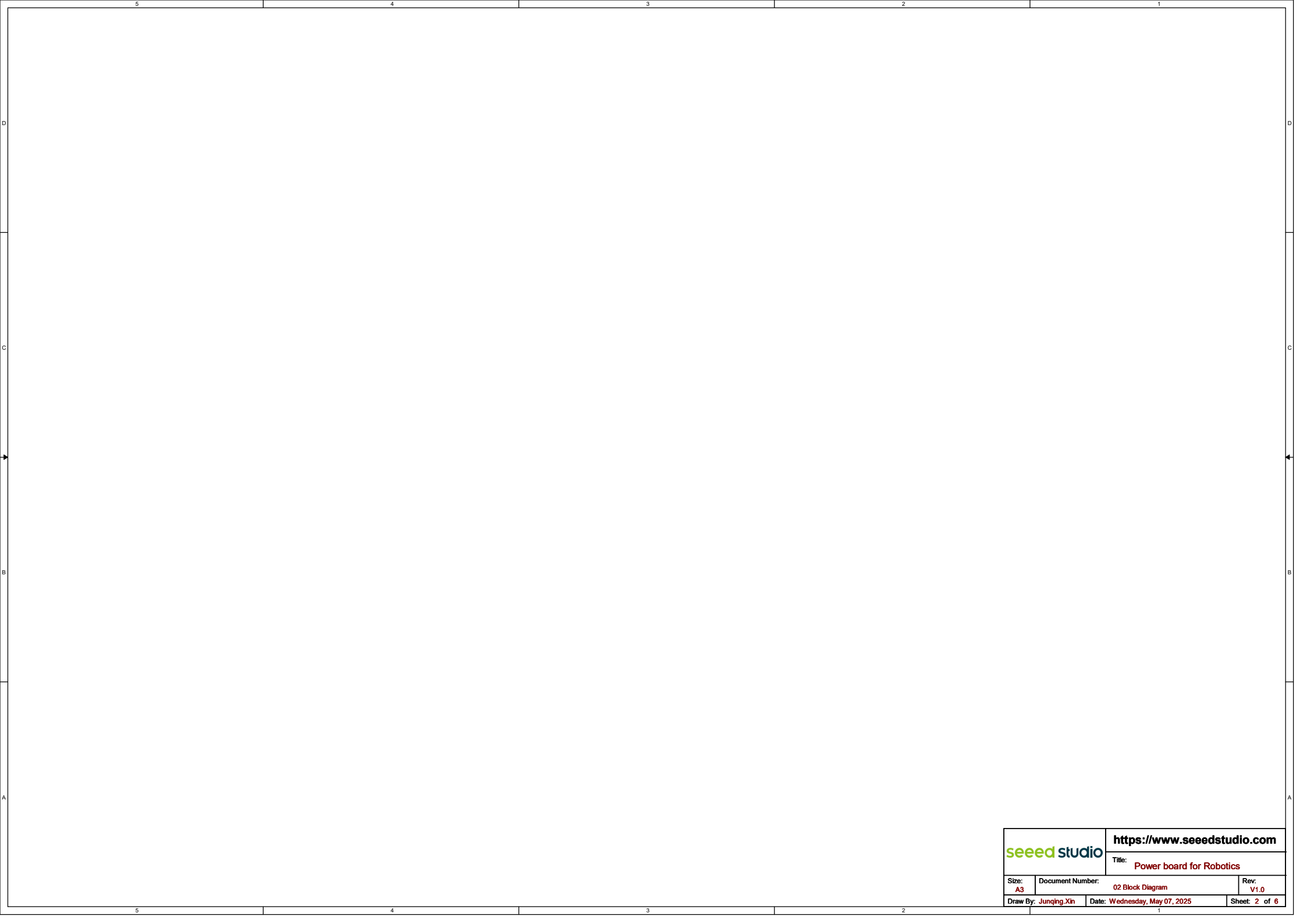


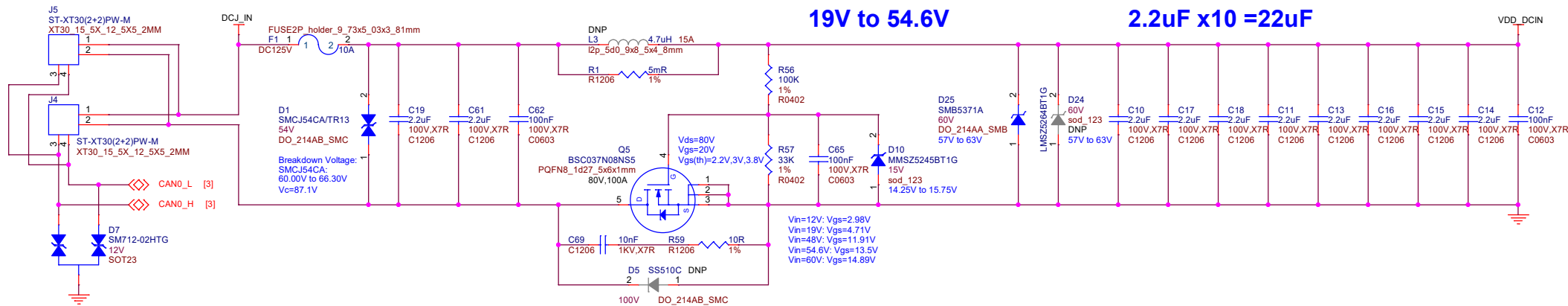
Power board for reComputer Robotics

Revision History

SHEET	SHEET NAME
01	Table of Contents
02	Block Diagram
03	Power In
04	DCDC 12V, 5V
05	LED, Button, SIM
06	I2C, CAN, UART

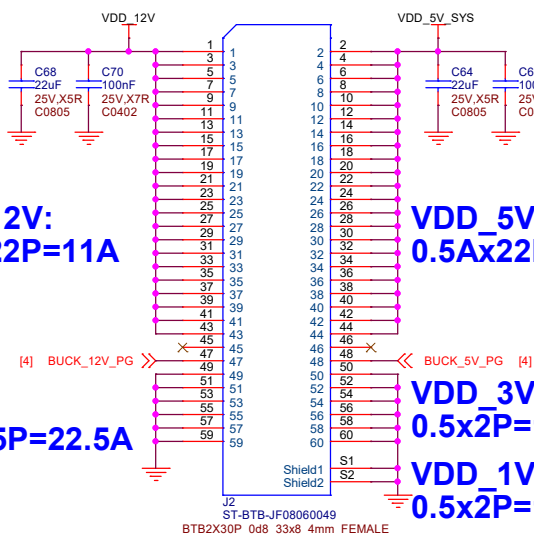
VER	DATE	REVISION	DESCRIPTION
V1.0	04/30/2025	Power board for reComputer Robotics_V1.0_SCH_250430	Initial Version.





VDD_12V:
0.5Ax22P=11A

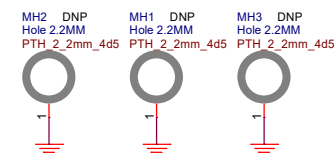
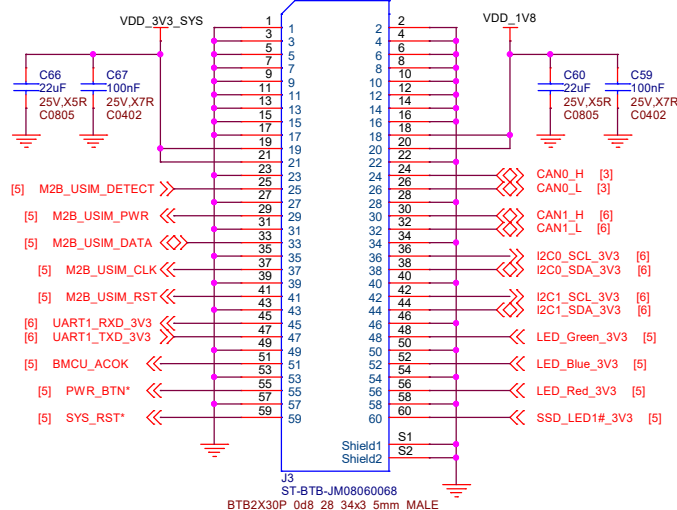
GND:
0.5Ax45P=22.5A



VDD_5V_SYS:
0.5Ax22P=11A

VDD_3V3_SYS:
0.5x2P=1A

VDD_1V8:
0.5x2P=1A

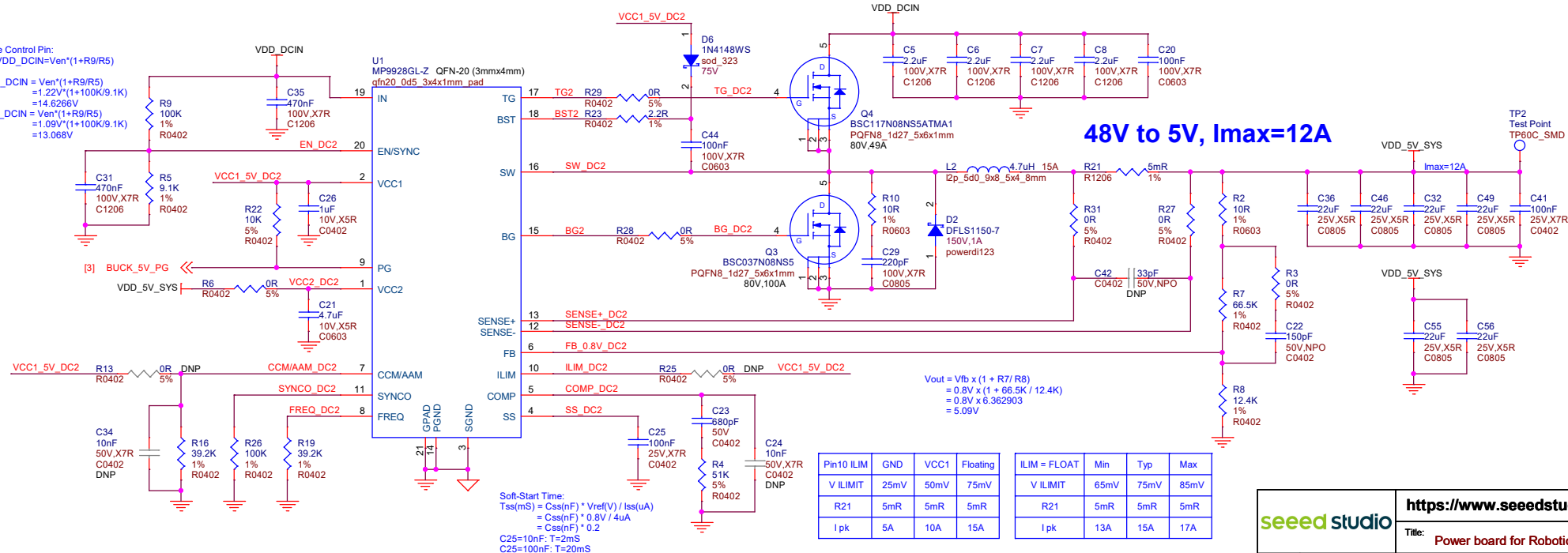
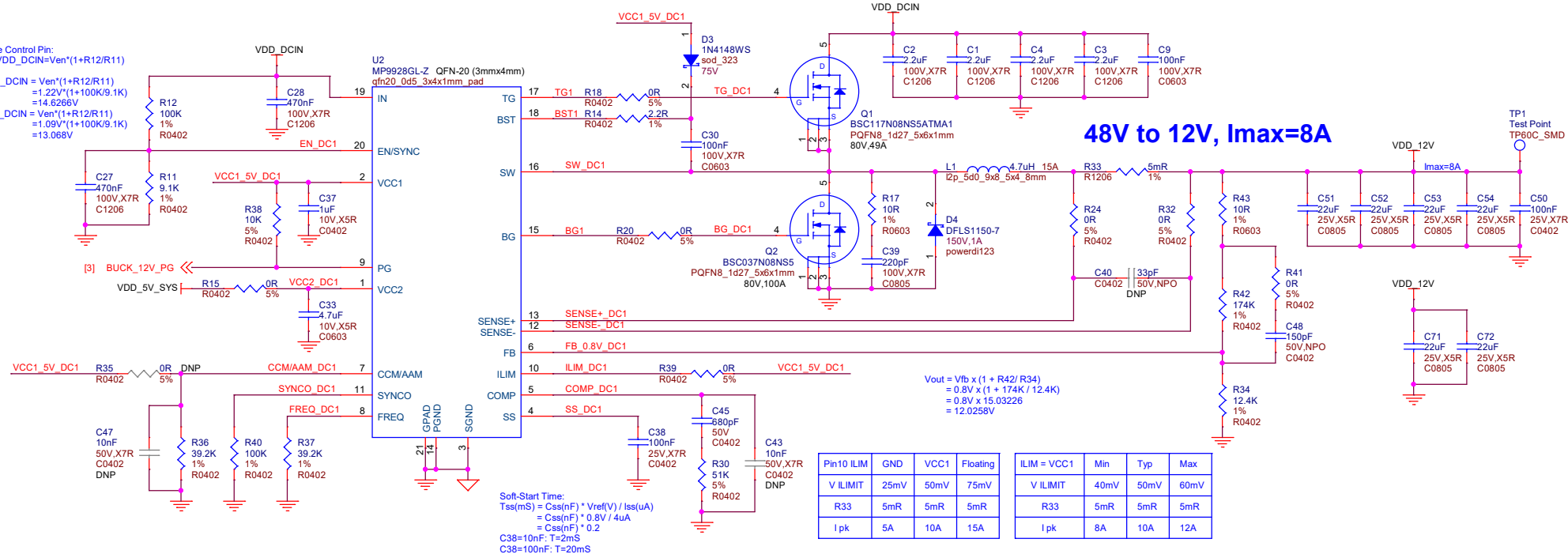


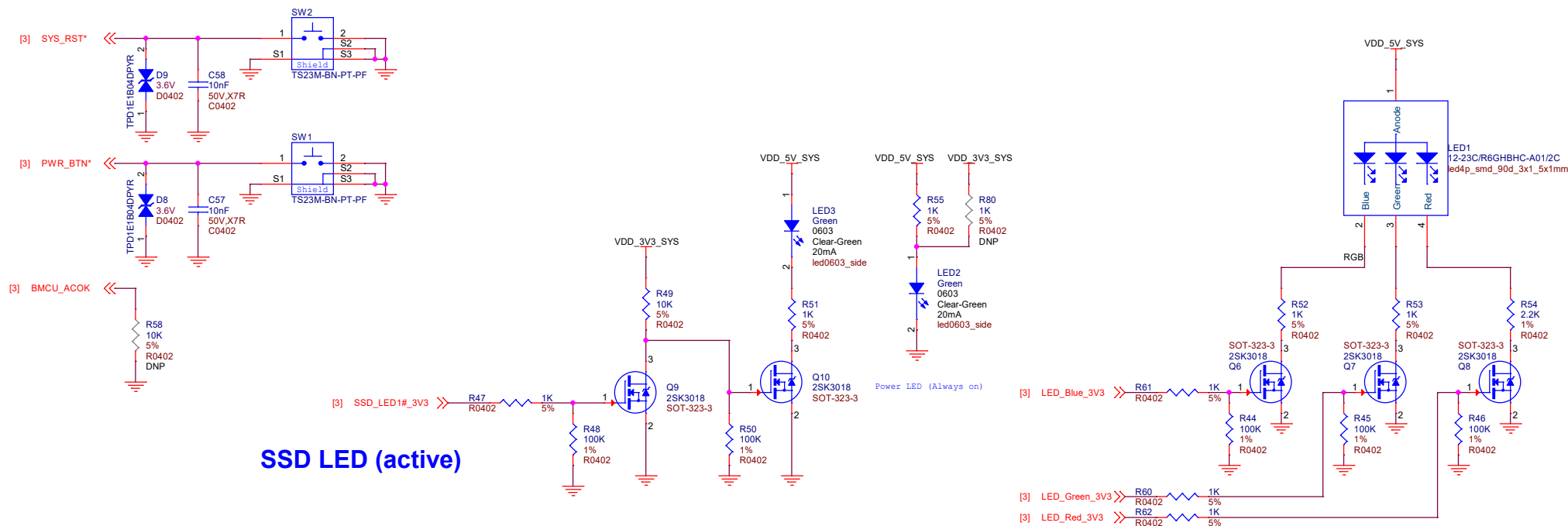
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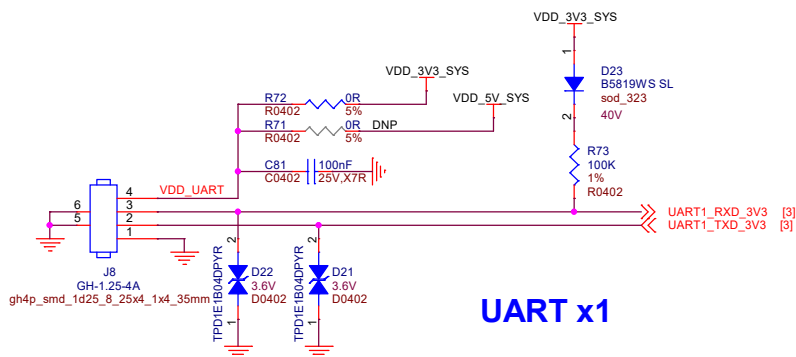
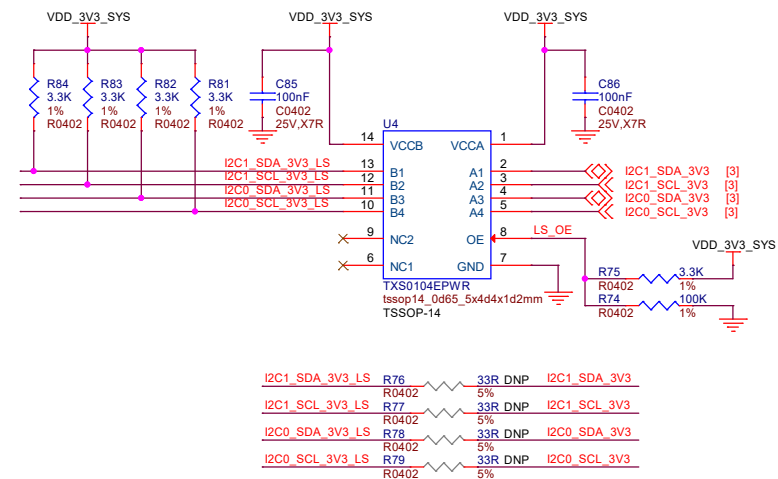
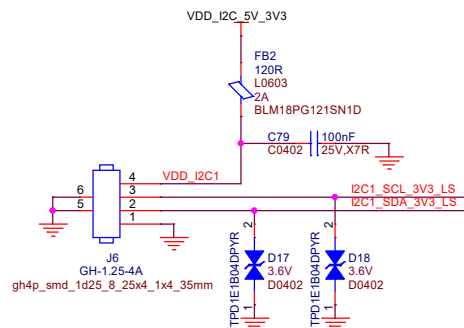
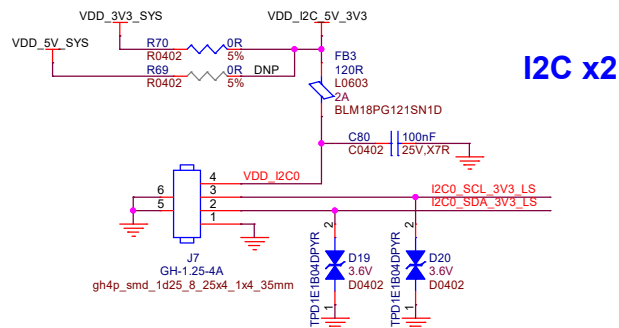
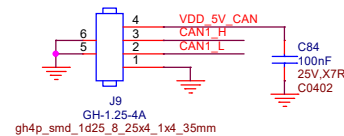
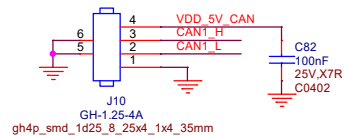
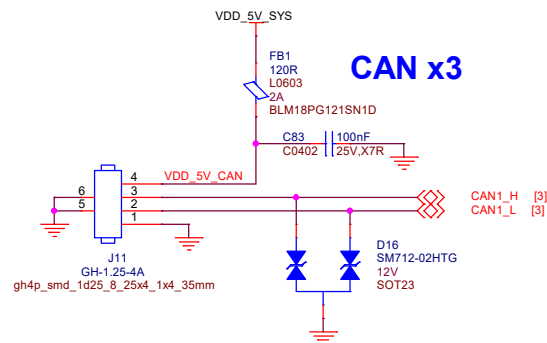
<https://www.seeedstudio.com>

Title: Power board for Robotics

Size: A3	Document Number: 03 Power In	Rev: V1.0
Draw By: Junqing.Xin	Date: Wednesday, May 07, 2025	Sheet: 3 of 6







PCB1

Power board for reComputer Robotics PCB