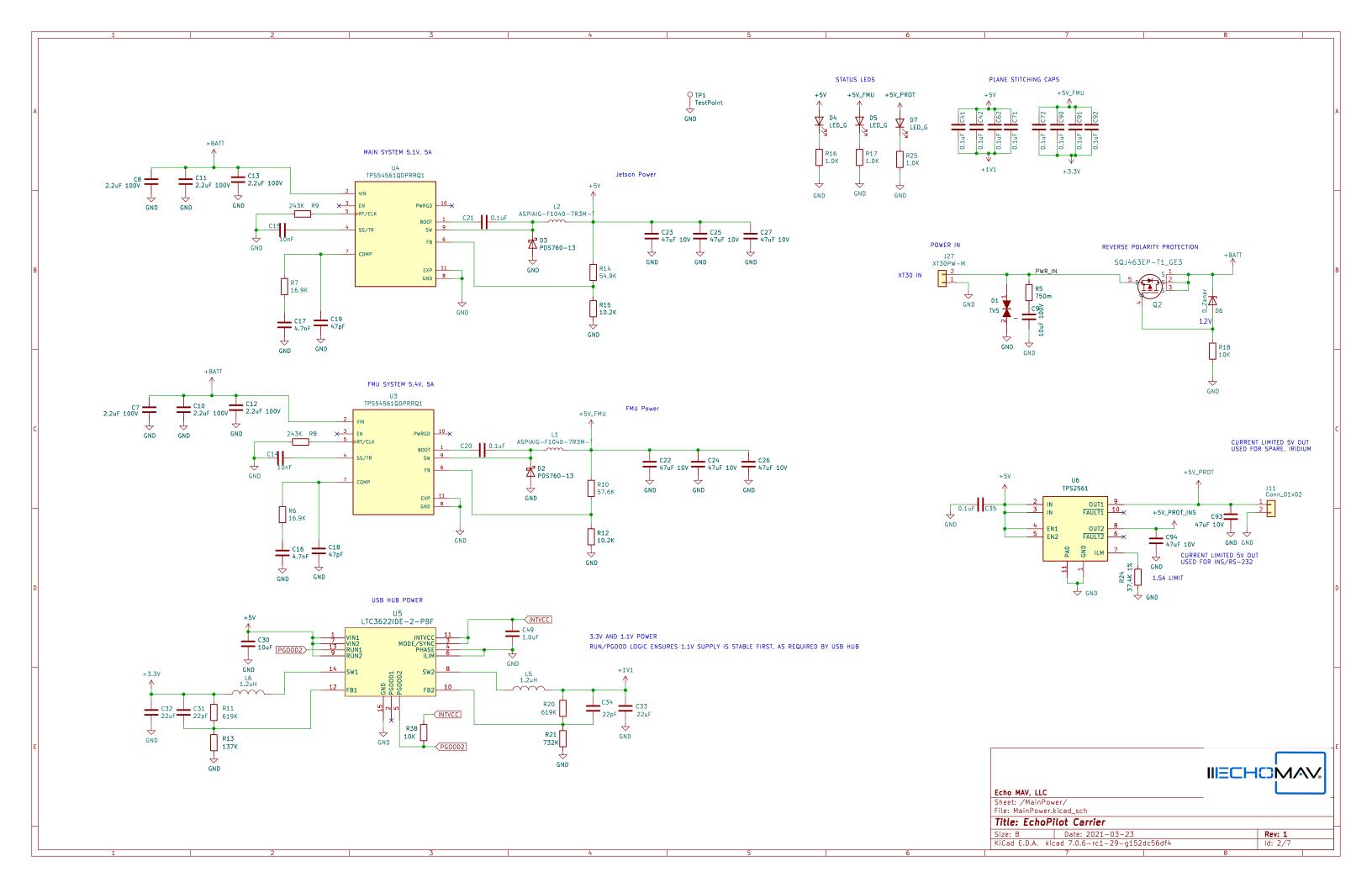
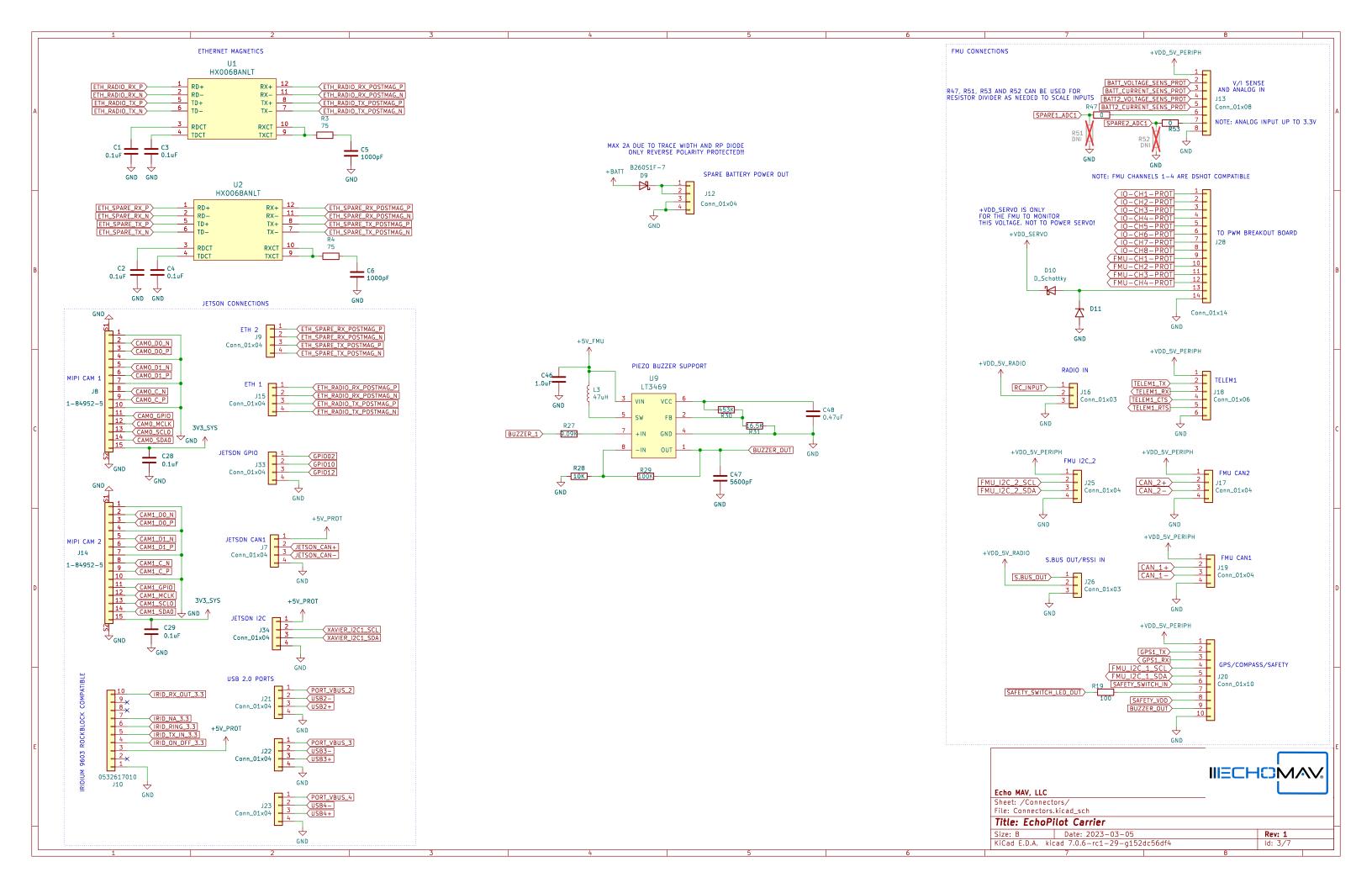
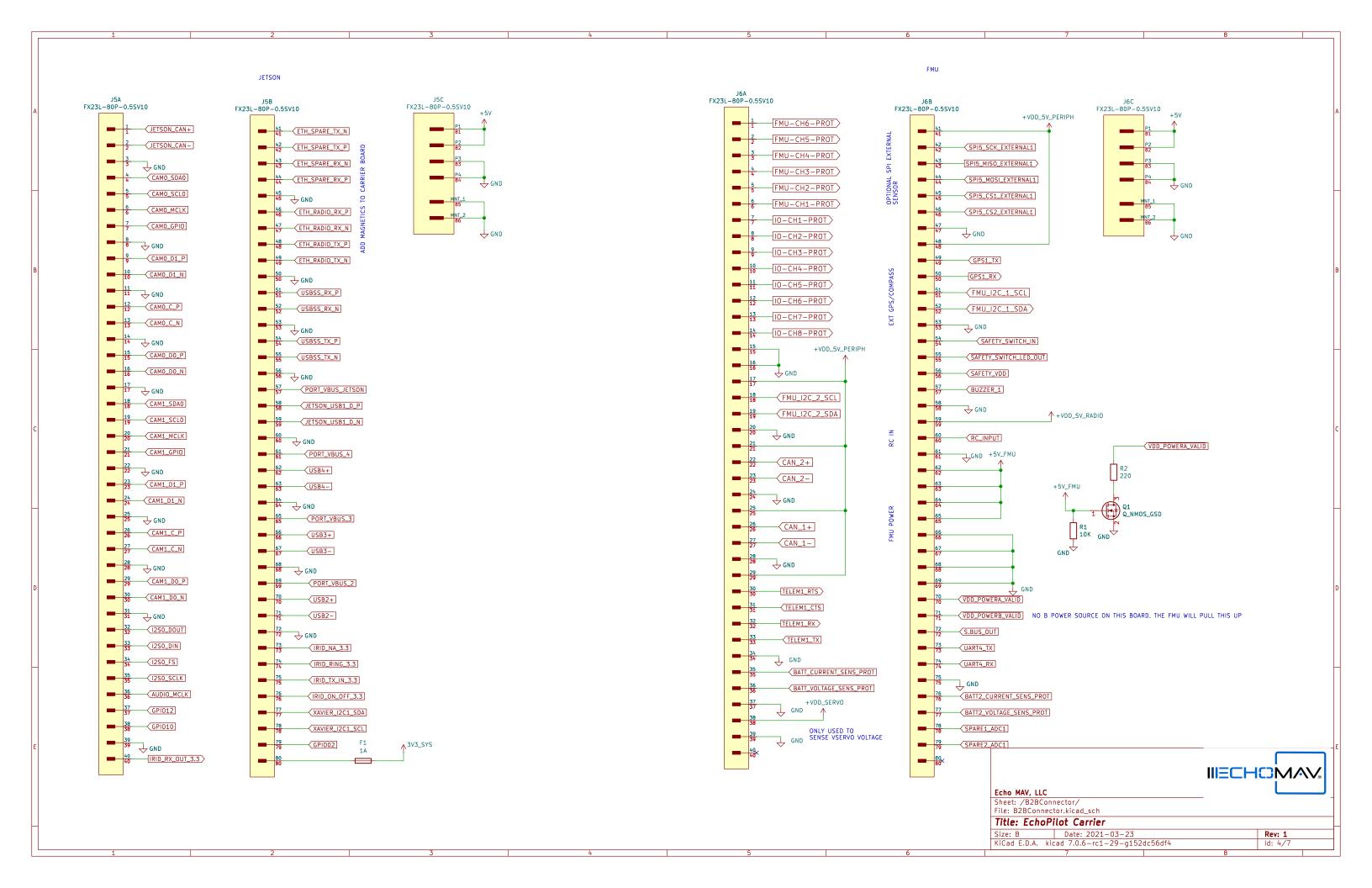
B2BConnector IMPORTANT: FOR USE WITH EchoPilot AI REV 1 OR NEWER File: B2BConnector.kicad_sch MainPower File: MainPower.kicad_sch File: M2.kicad_sch File: Connectors.kicad_sch External INS USB3 File: USB3.kicad_sch File: vectornav.kicad_sch O FID2 Fiducial O FID5 Fiducial J1 J2 J3 J4 Conn_01*01 Conn_01*01 Conn_01*01 OFID3 Fiducial GND GND GND GND GND Echo MAV, LLC Sheet: /
File: echopilot_ai_carrier.kicad_sch Title: EchoPilot Carrier Size: B Date: 2021-03-23 KiCad E.D.A. kicad 7.0.6-rc1-29-g152dc56df4 **Rev: 1** Id: 1/7







PER R1, ONLY EXTERNAL INS ARE SUPPORTED VIA J32. E.G. VECTORNAV VN-100, 200, 300, 110, 210, 310 CUSTOM CABLE SOLUTIONS WILL BE REQUIRED +5V_PROT_INS J32 TO EXTERNAL INS Conn_01x04 OR OTHER RS-232 DEVICE GND +5V_FMU C39 0.1uF U7 MAX3232EETE+ VCC GND UART4_TX T10UT RS232_TXD × 8 T20UT UART4_RX R10UT R1IN RS232_RXD R20UT R2IN C36 C1+ ٧+ C1-٧-C2+ C38 C40 0.33uF 0.33uF C2-**–** C37 EXP 0.33uF GND GND GND GND RS232 LEVEL SHIFTER Echo MAV, LLC Sheet: /External INS/ File: vectornav.kicad_sch Title: EchoPilot Carrier Size: A4 Date: 2023-06-25 Rev: 1 KiCad E.D.A. kicad 7.0.6-rc1-29-g152dc56df4 ld: 5/7

