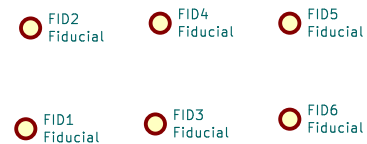
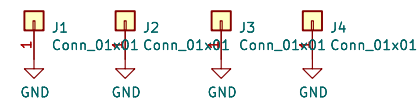
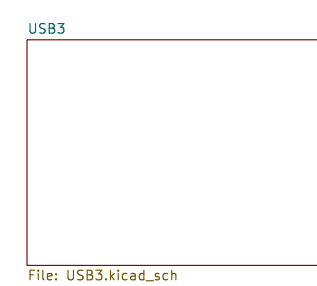
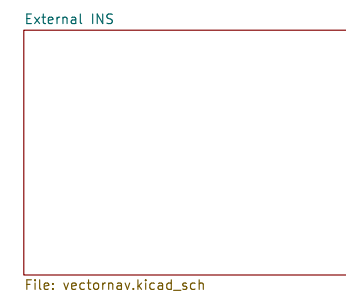
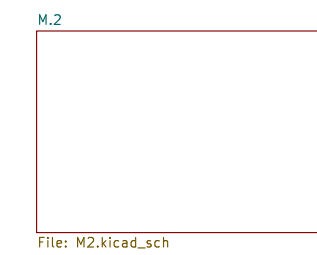
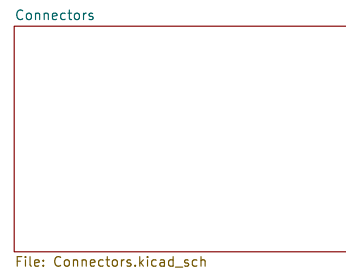
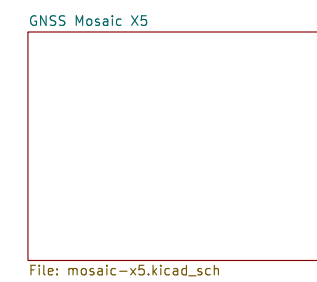
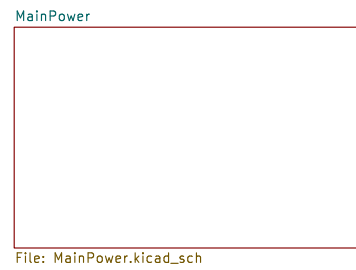
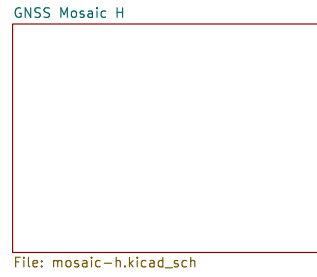
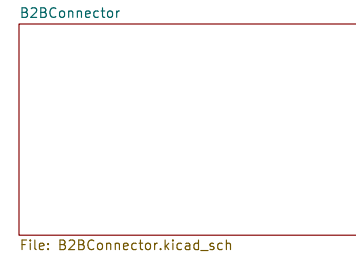




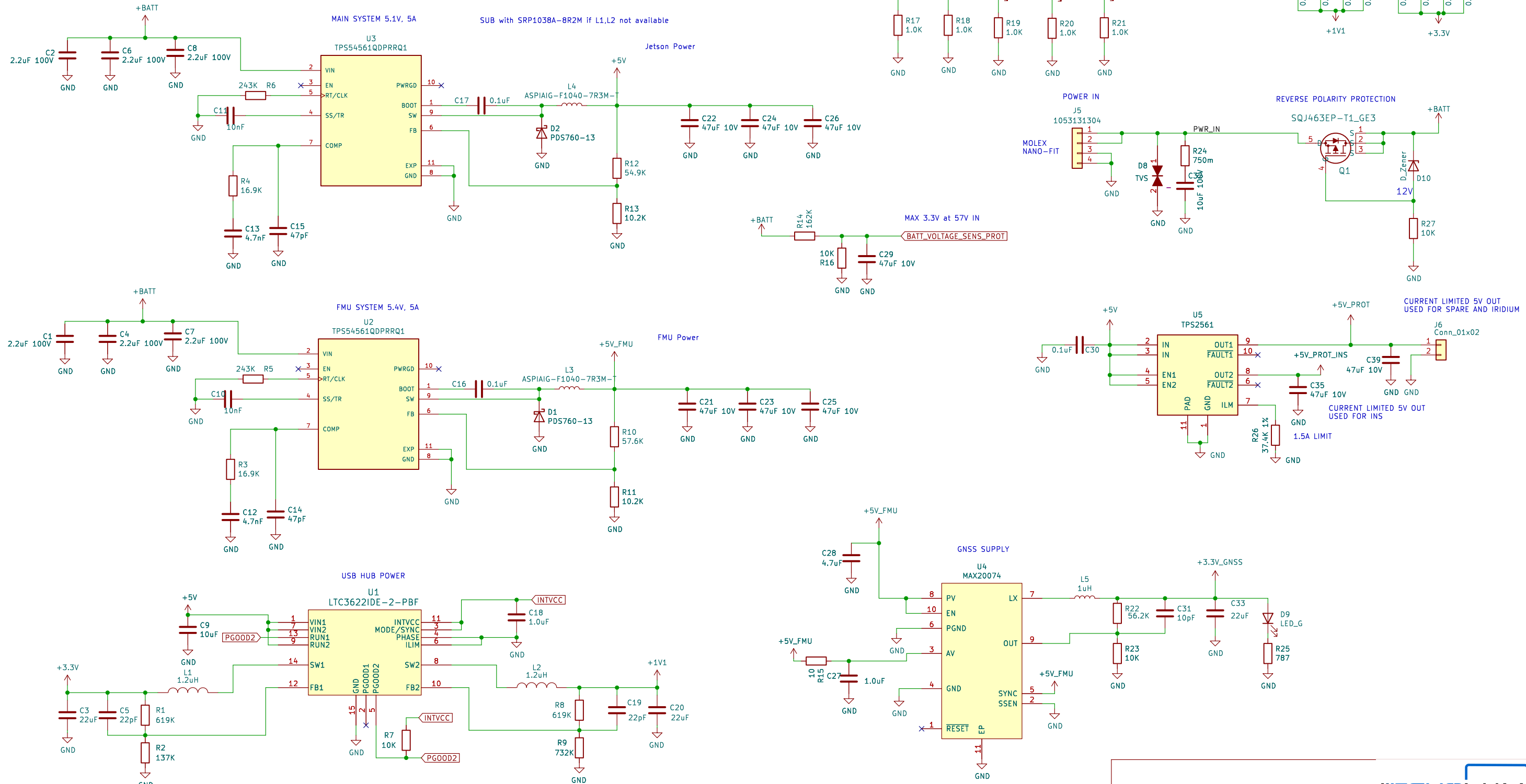
DONINGTON CARRIER BOARD
IMPORTANT: FOR USE WITH EchoPilot AI REV 1B OR NEWER



Checked: C. Shell
Design: B. Stinson
EchoMAV, LLC
Sheet: /
File: pixc4-jetson-universal-carrier.kicad_sch



Title: Donington Carrier
Size: B Date: 2024-03-27 Rev: 0
KiCad E.D.A. kicad 7.0.10 Id: 1/9

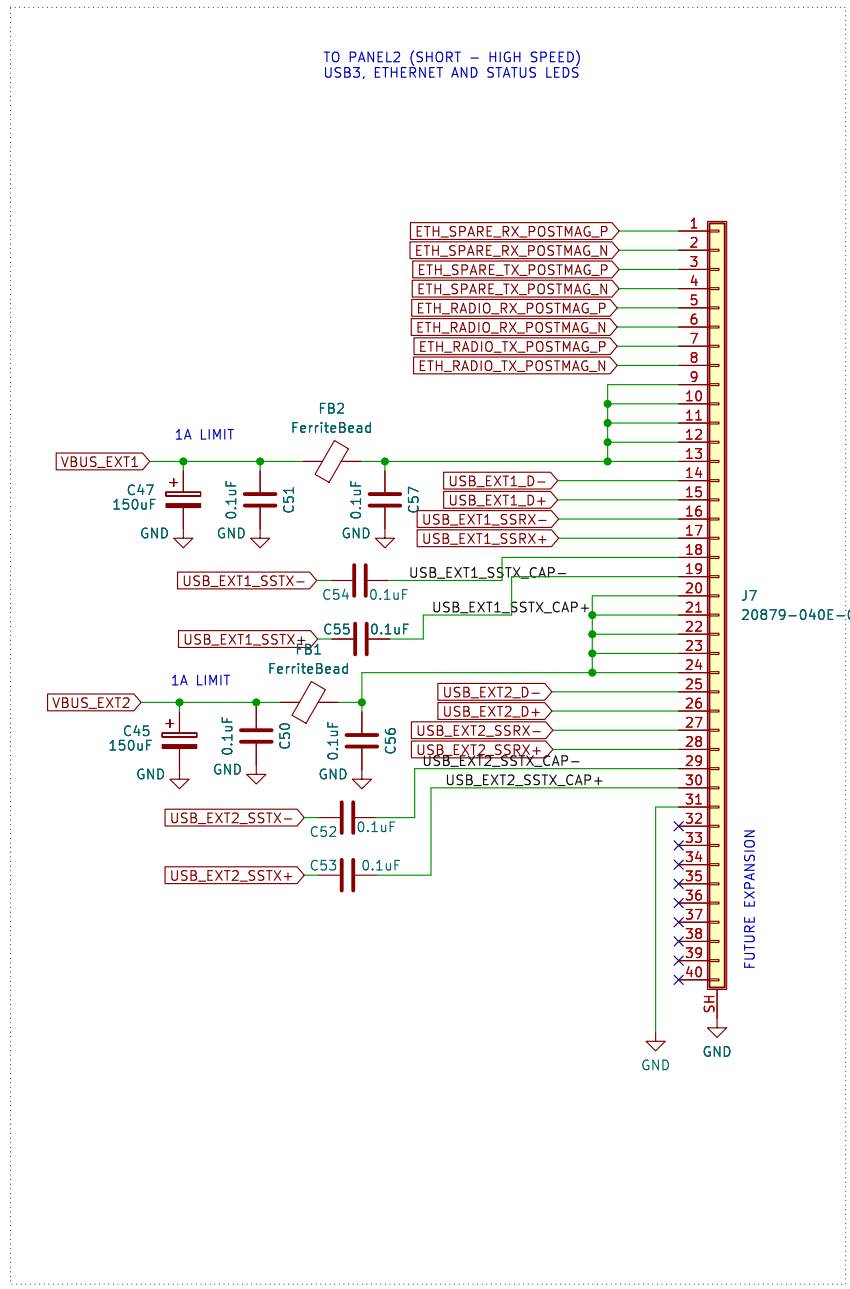
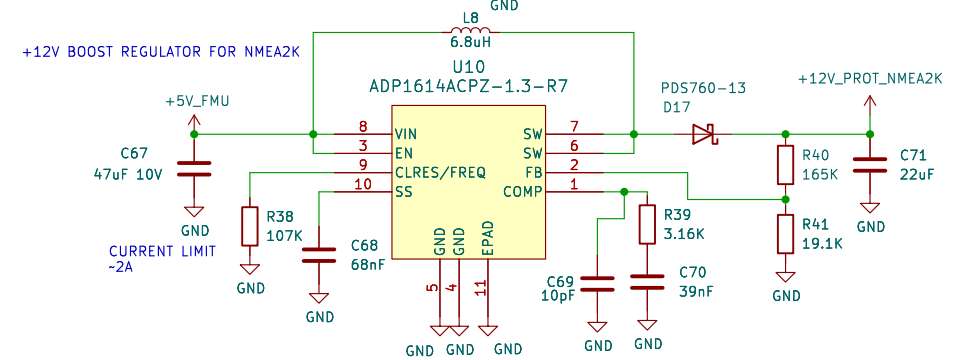
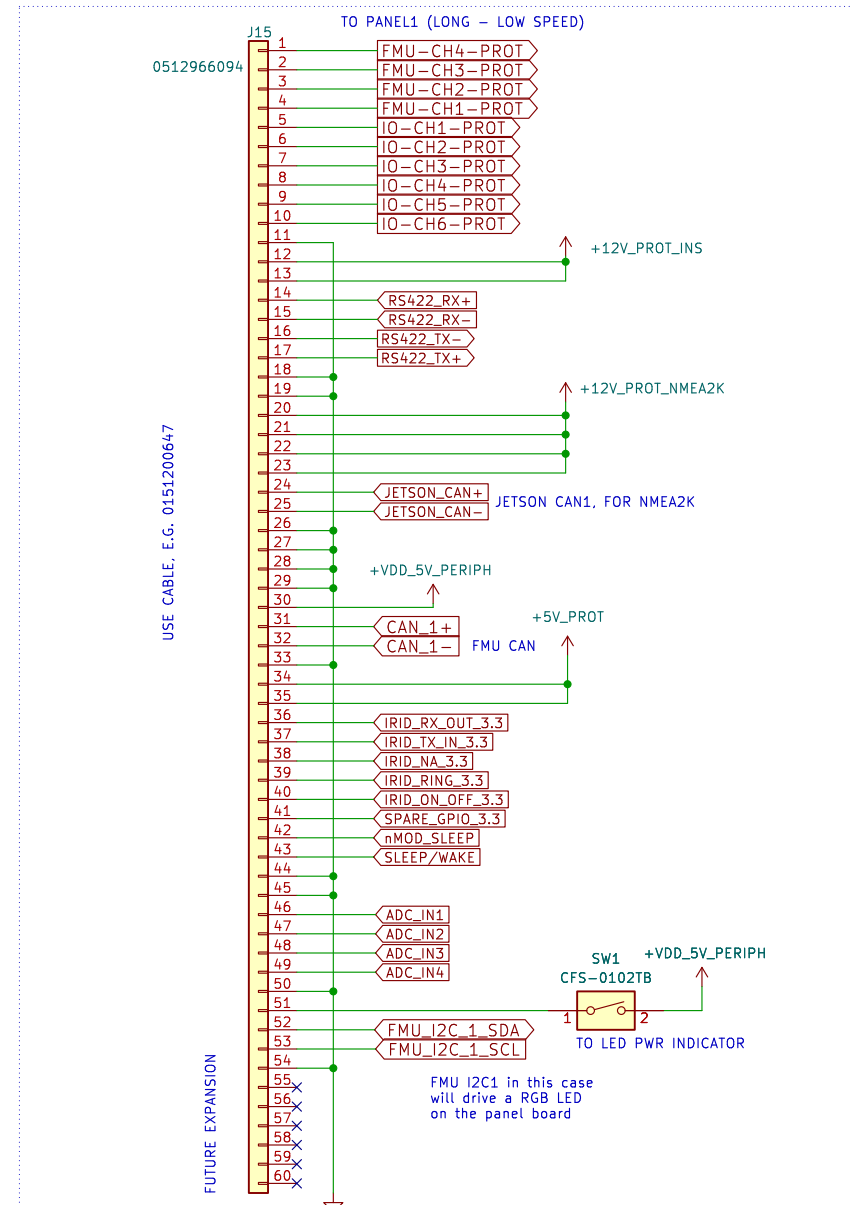
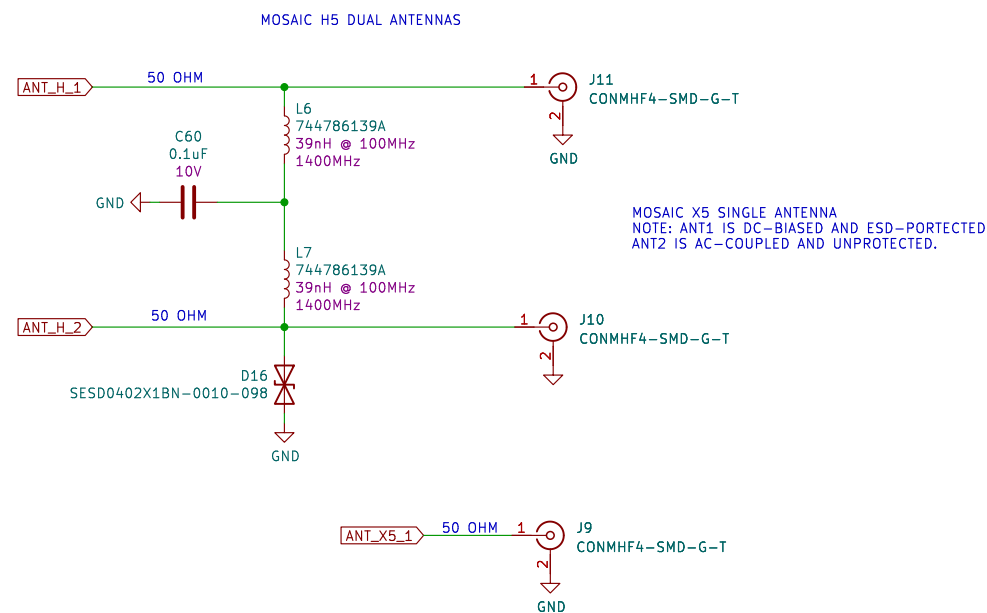
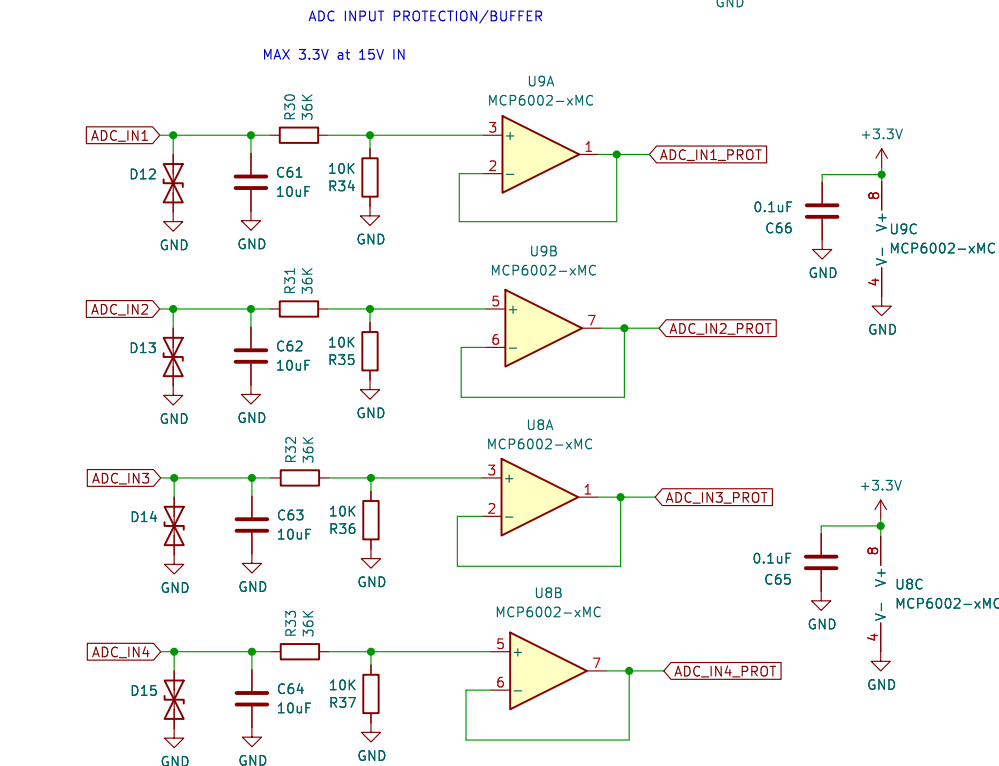
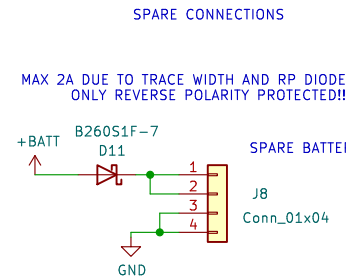
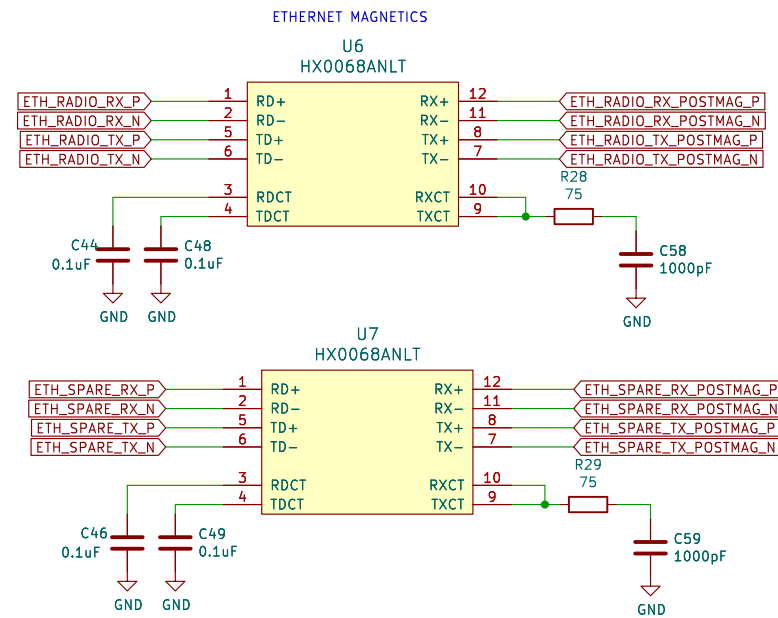


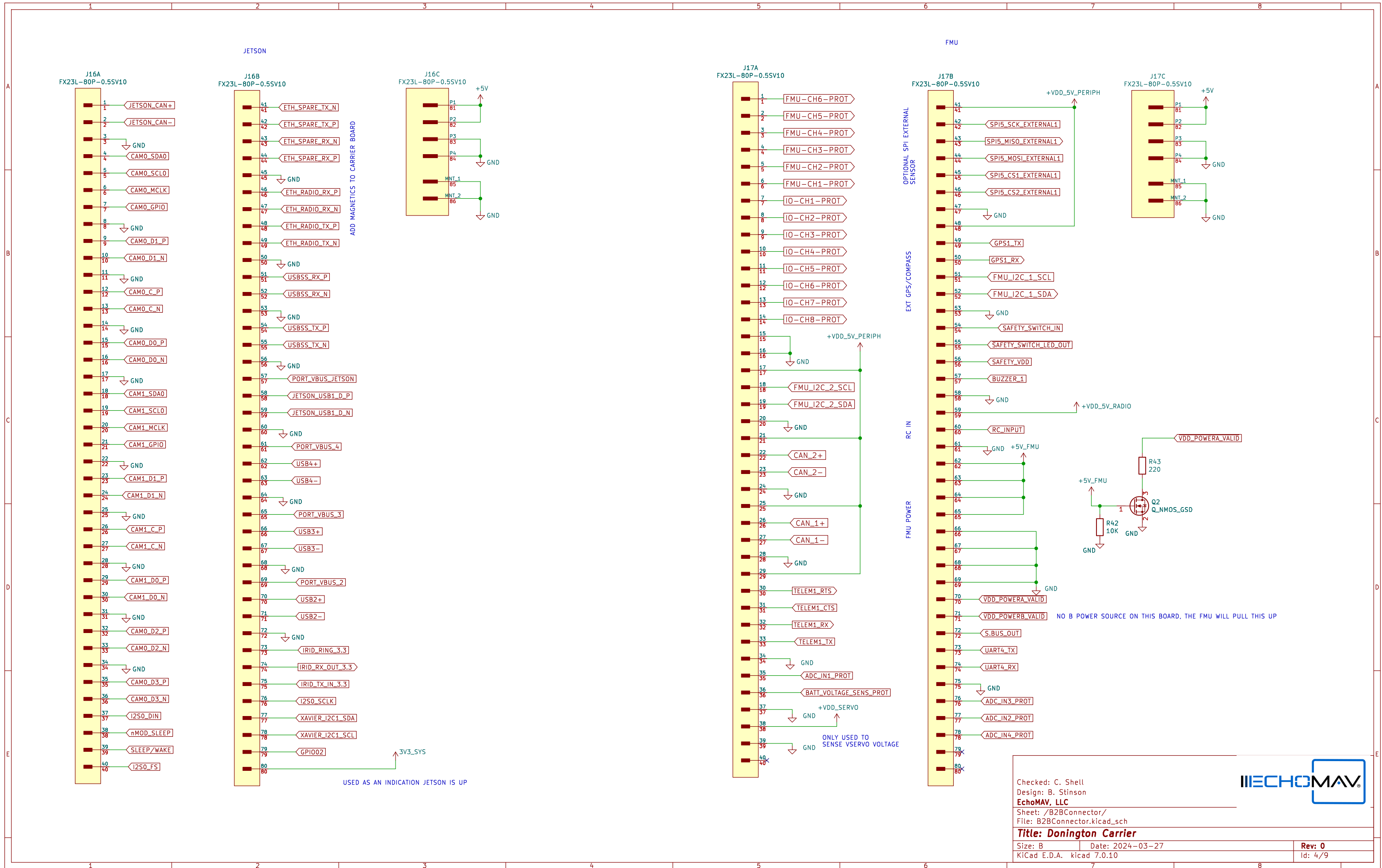
3.3V AND 1.1V POWER
 RUN/PGOOD LOGIC ENSURES 1.1V SUPPLY IS STABLE FIRST, AS REQUIRED BY USB HUB

Checked: C. Shell
 Design: B. Stinson
EchoMAV, LLC
 Sheet: /MainPower/
 File: MainPower.kicad_sch
Title: Donington Carrier

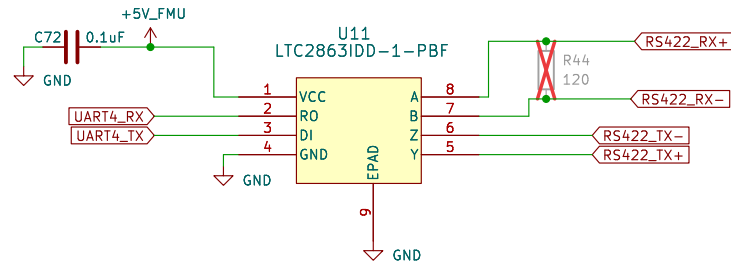
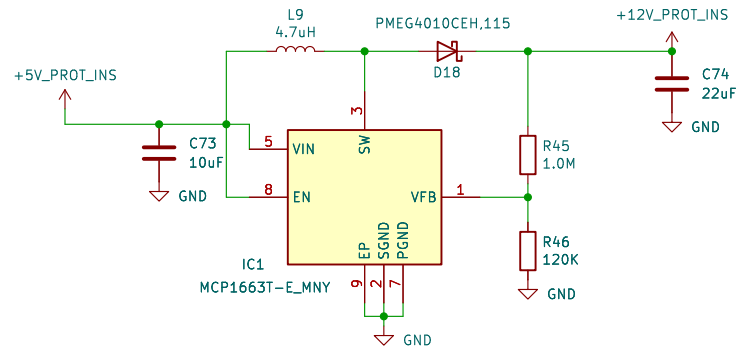
Size: B	Date: 2024-03-27	Rev: 0
KiCad E.D.A. kicad 7.0.10		Id: 2/9







UART4 TARGETING EXTERNAL INS SYSTEMS SUCH AS VECTORNAV VN-X10.
 CUSTOM CABLE SOLUTIONS WILL BE REQUIRED



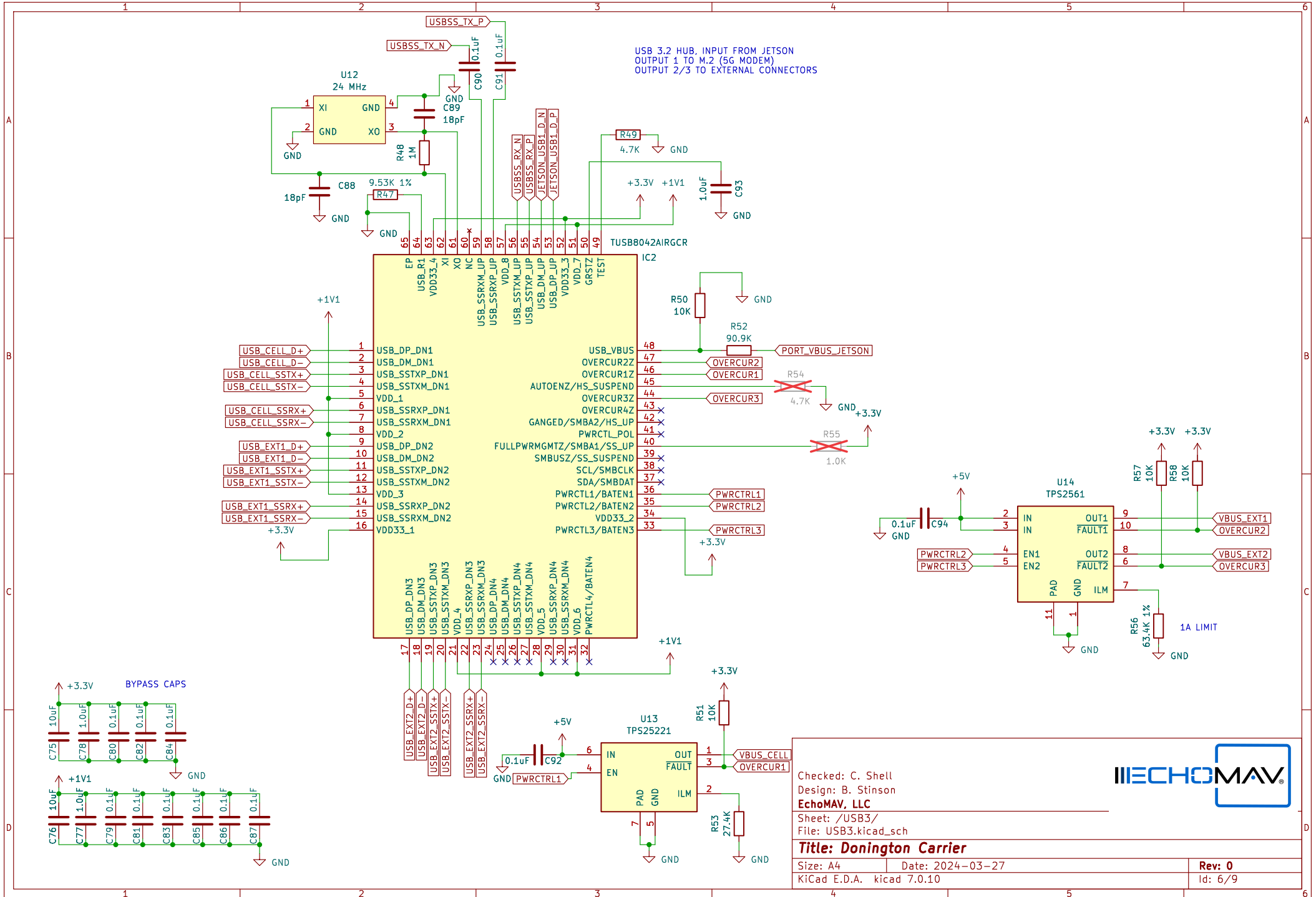
Checked: C. Shell
 Design: B. Stinson
EchoMAV, LLC
 Sheet: /External INS/
 File: vectornav.kicad_sch



Title: Donington Carrier

Size: A4 Date: 2024-03-27
 KiCad E.D.A. kicad 7.0.10

Rev: 0
 Id: 5/9



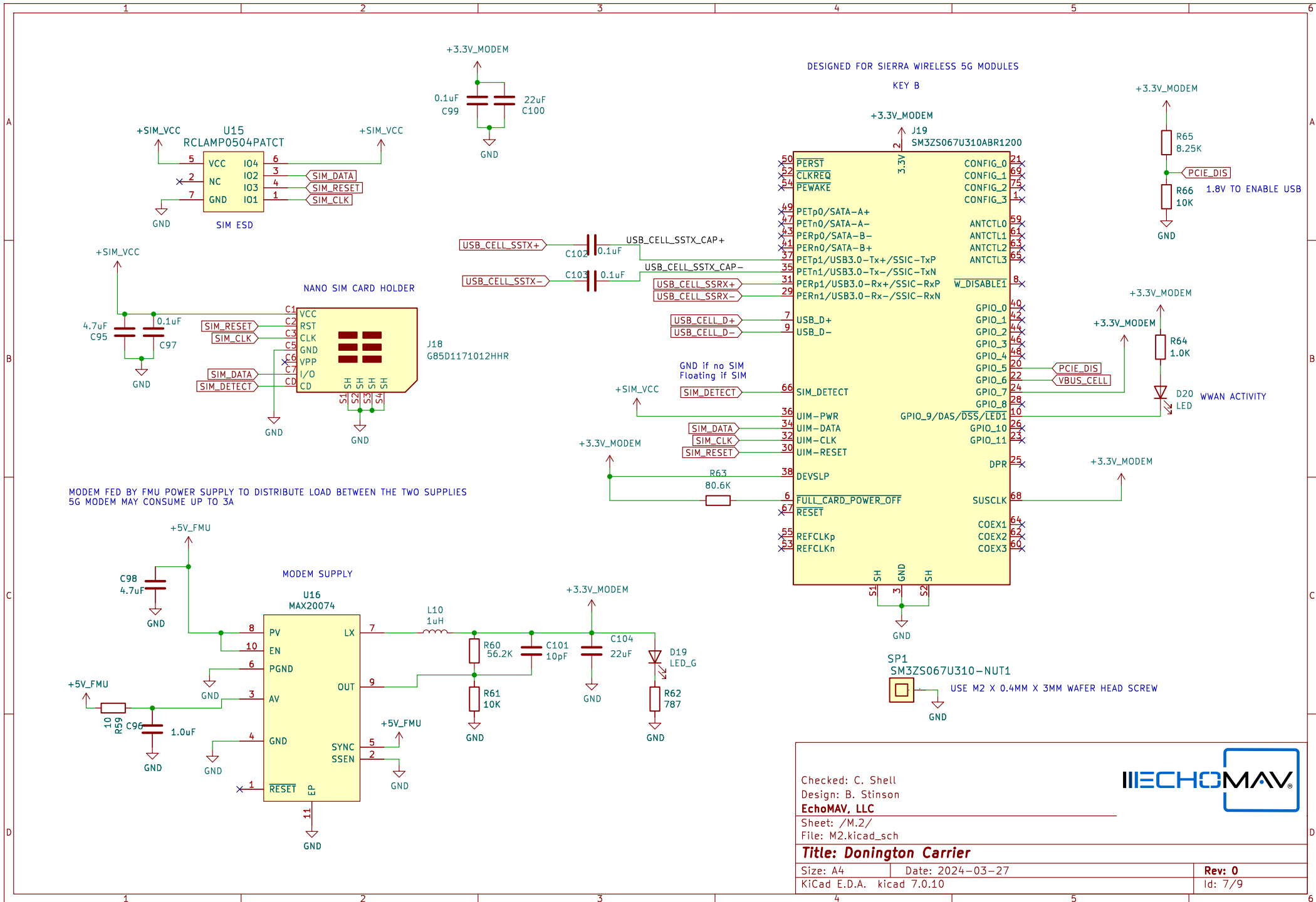
Checked: C. Shell
Design: B. Stinson
EchoMAV, LLC
Sheet: /USB3/
File: USB3.kicad_sch



Title: Donington Carrier

Size: A4 Date: 2024-03-27
KiCad E.D.A. kicad 7.0.10

Rev: 0
Id: 6/9



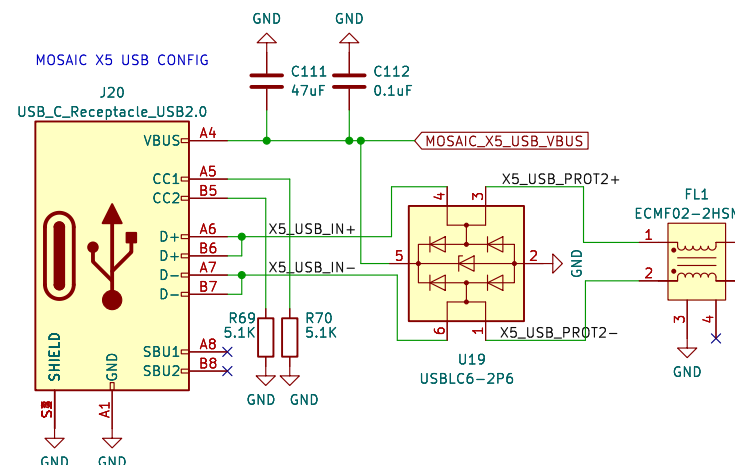
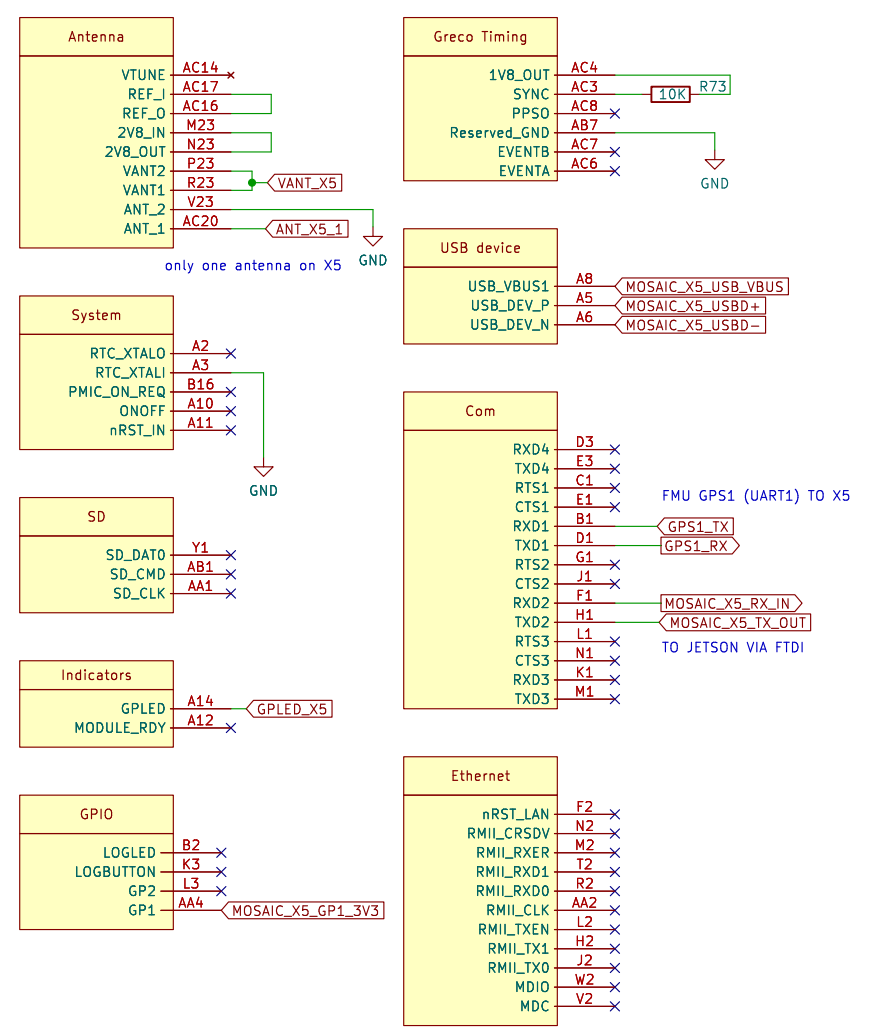
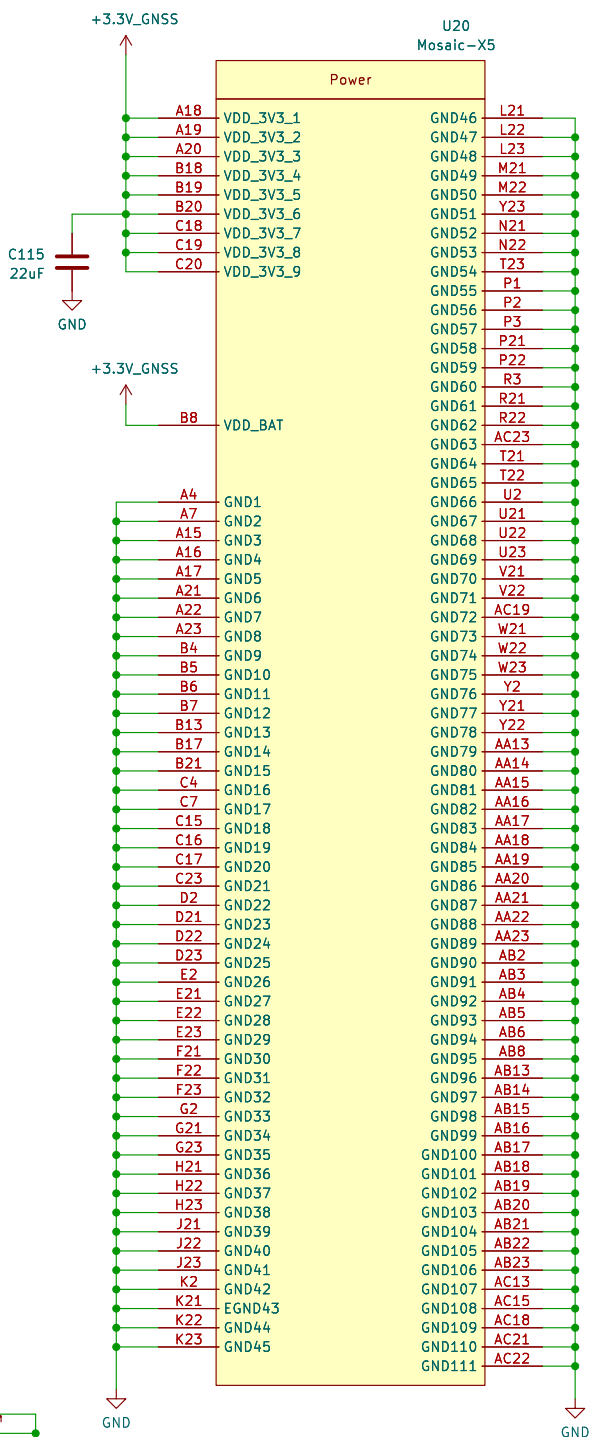
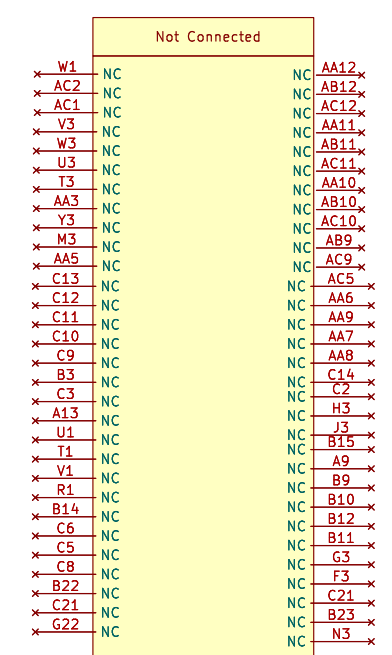
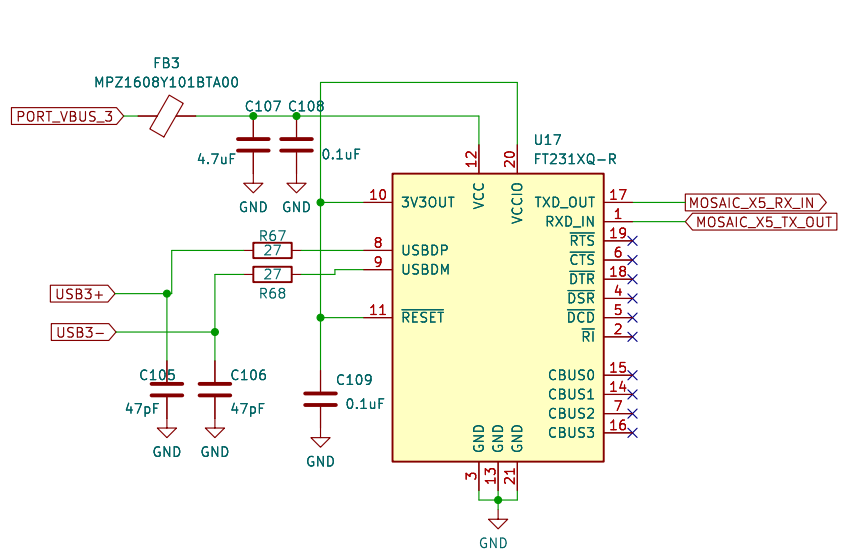
Checked: C. Shell
 Design: B. Stinson
EchoMAV, LLC
 Sheet: /M.2/
 File: M2.kicad_sch



Title: Donington Carrier

Size: A4 | Date: 2024-03-27
 KiCad E.D.A. kicad 7.0.10

Rev: 0
 Id: 7/9



GPIO TO JETSON (FOR X5 AND H)
JETSON IO IS 1.8V, MOSAIC IS 3.3V

