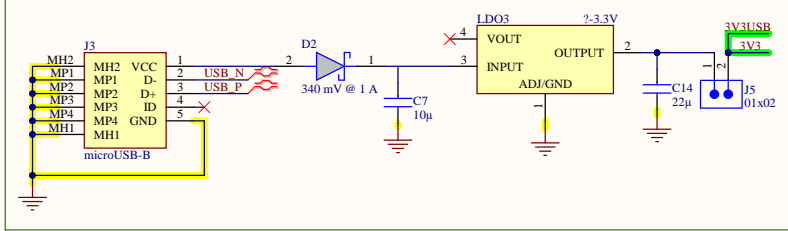
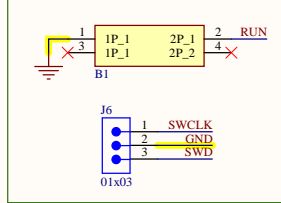


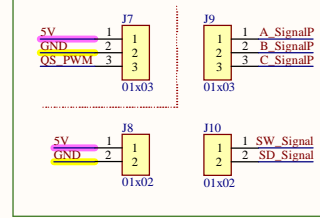
Micro USB Type B Power/Data Circuit



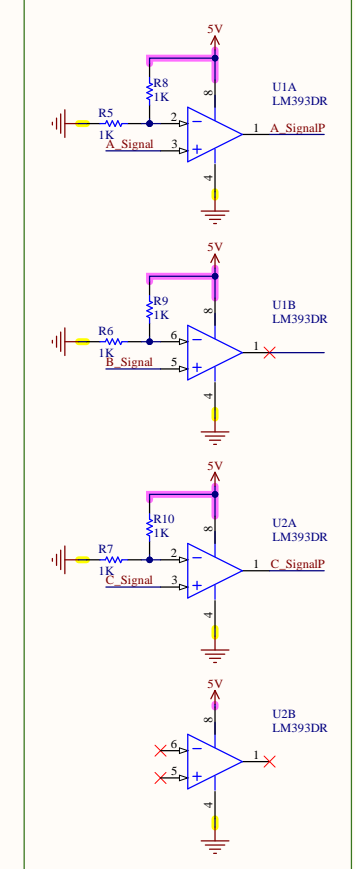
Reset Switch & SWD Connector



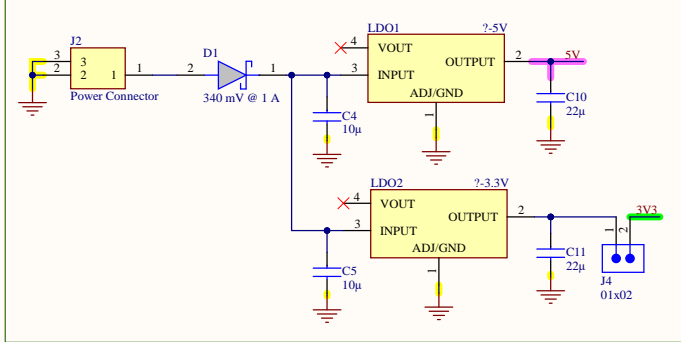
Paddle Shifter I/O



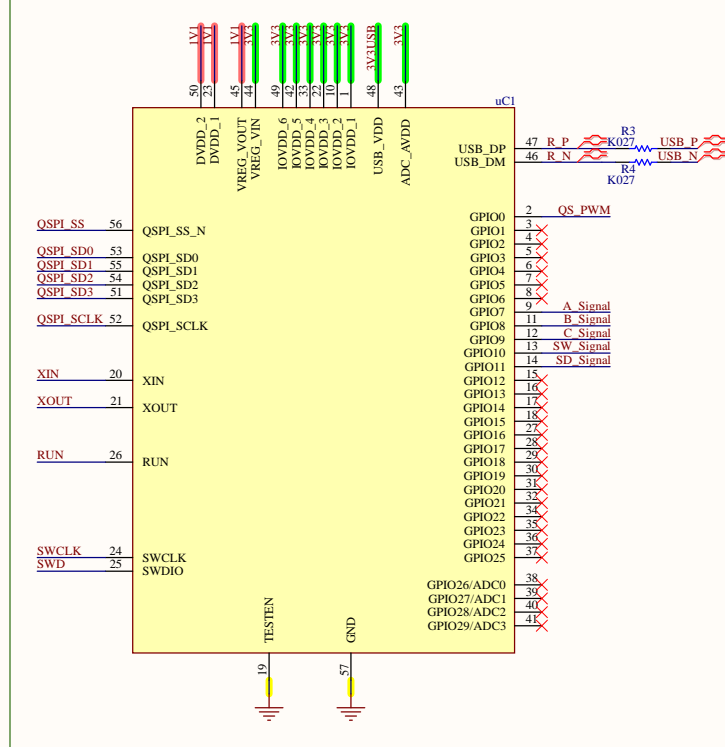
A/B/C Signal Conditioning Circuit



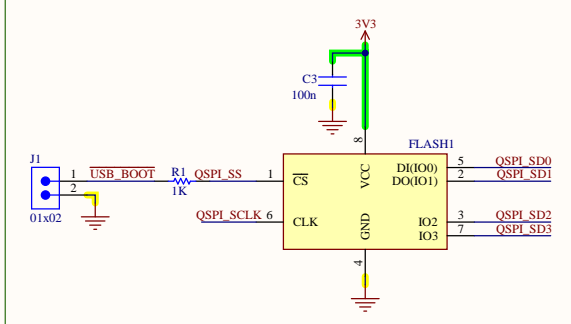
12V Battery to 5V and 3V DC Power Circuit



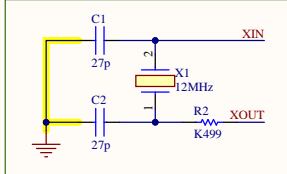
RP2040 Connections



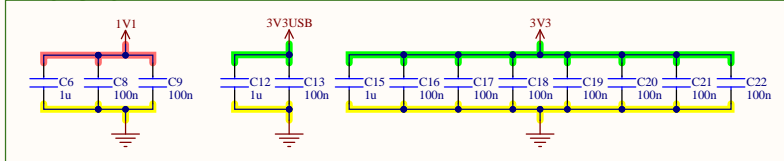
128Mbit QSPI Flash Memory Circuit



Crystal Oscillator Circuit



Decoupling Capacitor Bank



Title	Controller Board	Drawn By	Pedro Fernandes
Component Name	Quick Shifter	Revised By	Pedro Fernandes
Project Name	FS Fenix	Sheet	1 of 1