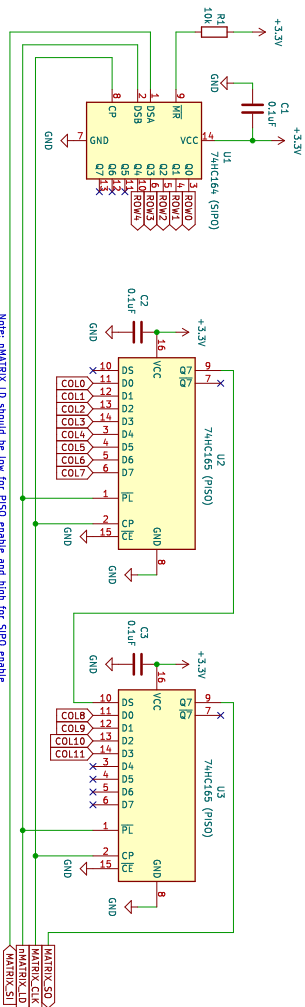
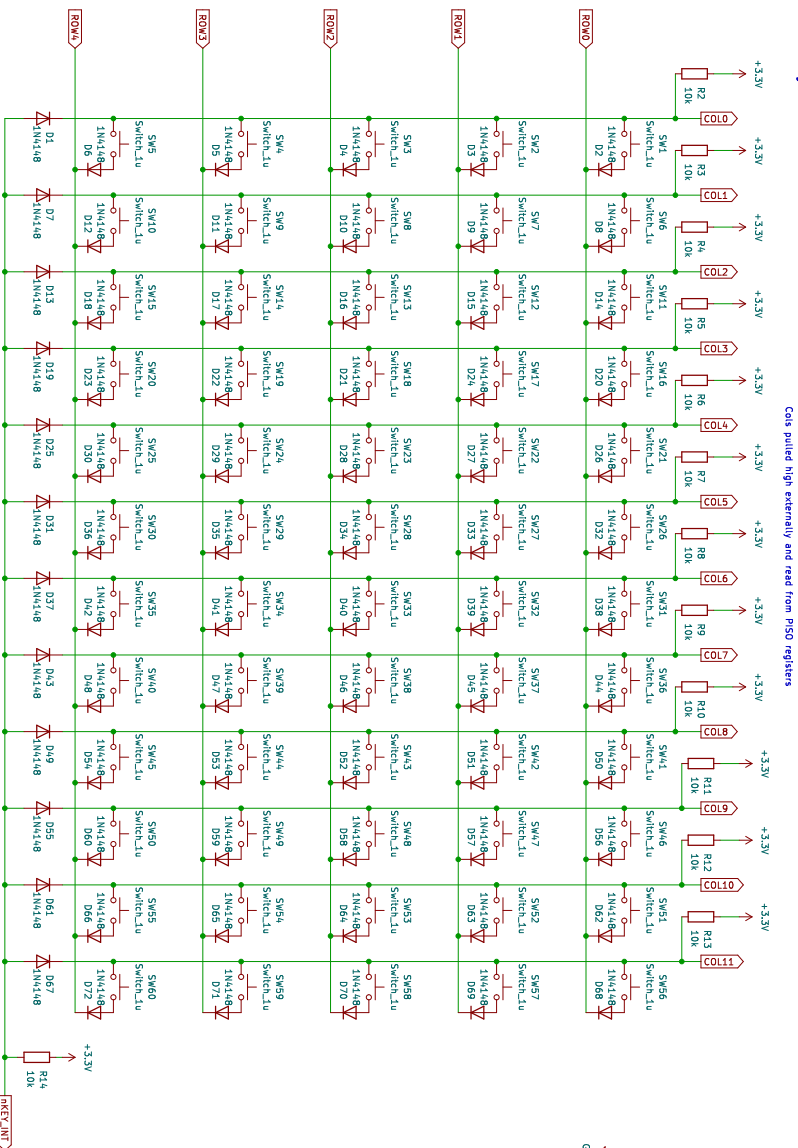


Dual Shift Register Mux

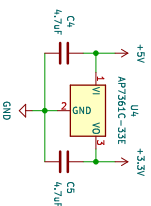


Note: `MMATRIX_L1D` should be low for PISO enable and high for SISO enable
 Note: Data shifted out from `MATRIX_50` is read from right to left.
 In other words, U3 D7 first, then D6, D4, ..., followed by serial data from U2 D7, D6, and so on.

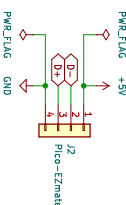
Key Switch Matrix



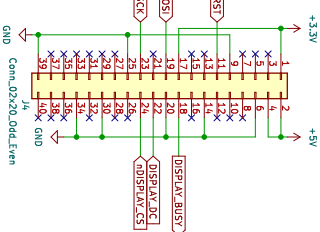
3.3V Regulator



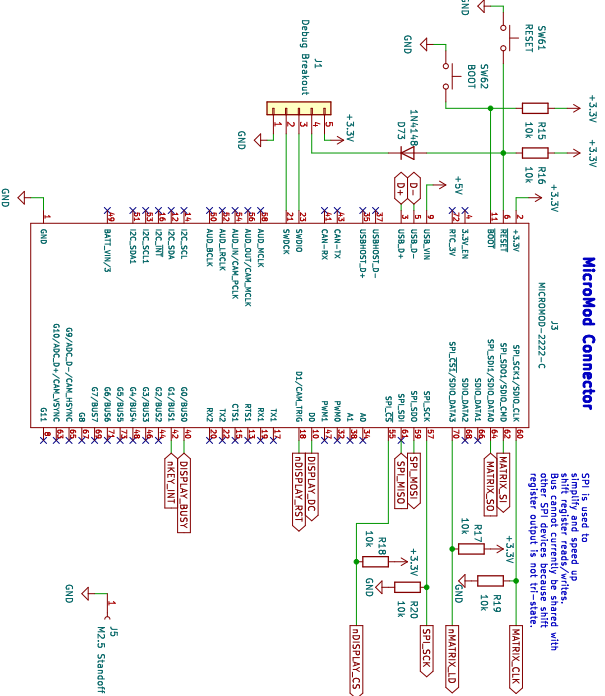
USB Daughterboard Connector



E-ink Connector



MicroMod Connector



Storyboard 1.0

Sheet: /
File: storyboard.kicad_sch

Key interrupt operation:

1. Set all rows low
2. When any key is pressed nKEY_INT will be pulled low and trigger interrupt
3. Disable interrupt, set all rows high, start scan routine...