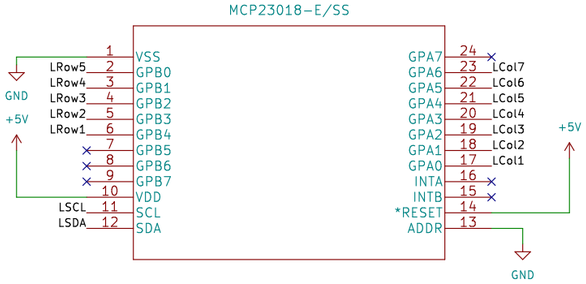
Left Half

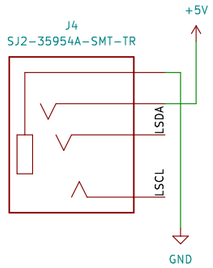
Port Expander

U2

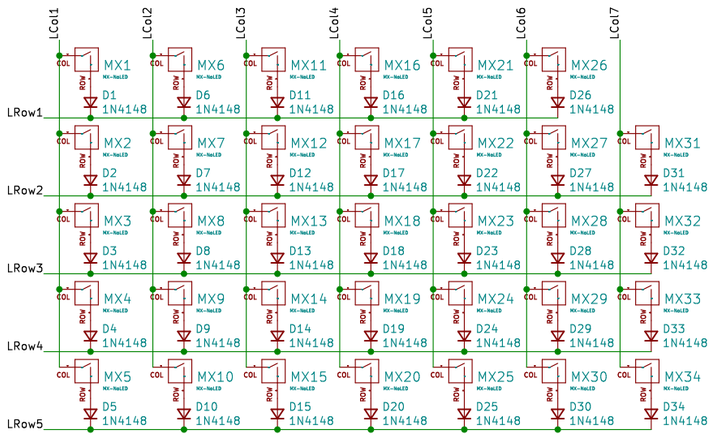
MCP23018-E/SS



Left TRRS Jack

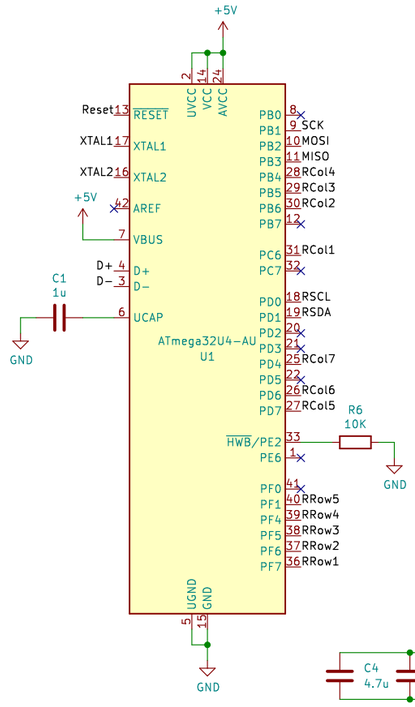


Left Half Matrix

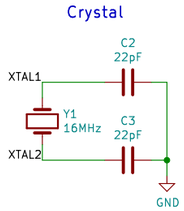


Right Half

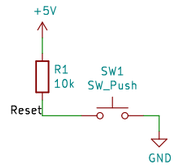
Microcontroller



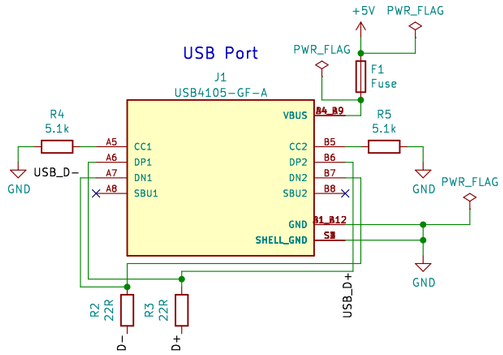
Crystal



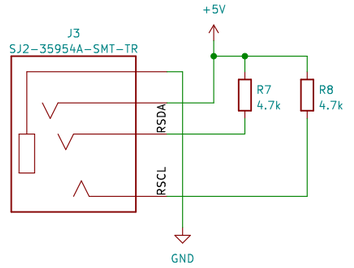
Reset Switch



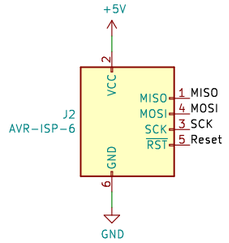
USB Port



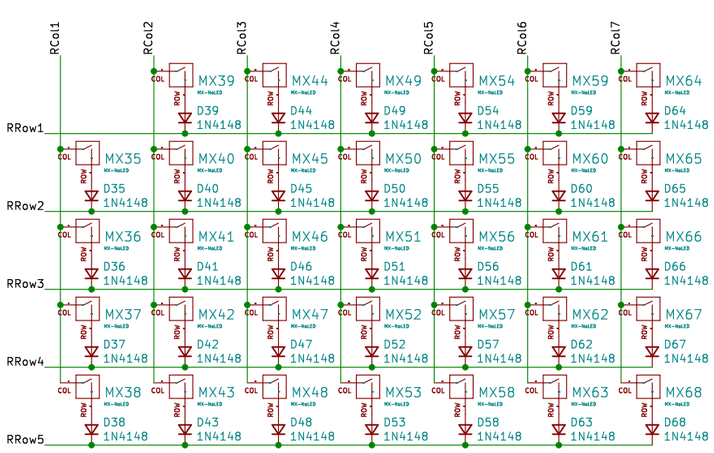
Right TRRS Jack



ISP Header



Right Half Matrix



Overlapping Connections

LCol1 ____ RCol7
LCol2 ____ RCol6
LCol3 ____ RCol5
LCol4 ____ RCol4
LCol5 ____ RCol3
LCol6 ____ RCol2
LCol7 ____ RCol1

brian@mutualaid.info

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File: nikon.kicad_sch

Title: nikon

Size: A3	Date:	**Rev: v1.0**
KiCad E.D.A. kicad (6.0.2-0)		Id: 1/1