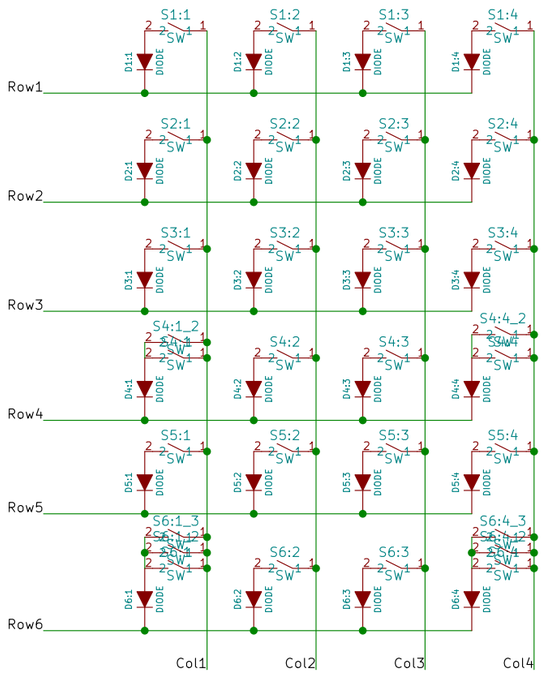
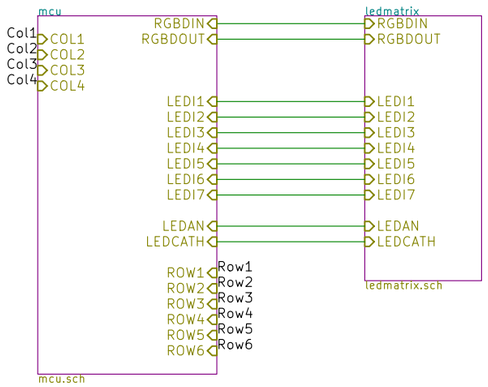
Switch Matrix





Break Holes

HOLE1

Mount Holes

Stabilizers

STAB1 STAB2 STAB3 STAB4 STAB5 STAB6

Fiducials (For claibration of pick and place machine)

FID1 FID2 FID3 FID4

LOGOs

LOGO1 LOGO2 LOGO3 LOGO4

MOZ		
Sheet: /		
File: SAMPad.sch		
Title: SAMPad		
Size: A3	Date: 2016-03-30	**Rev: Rev 0.1**
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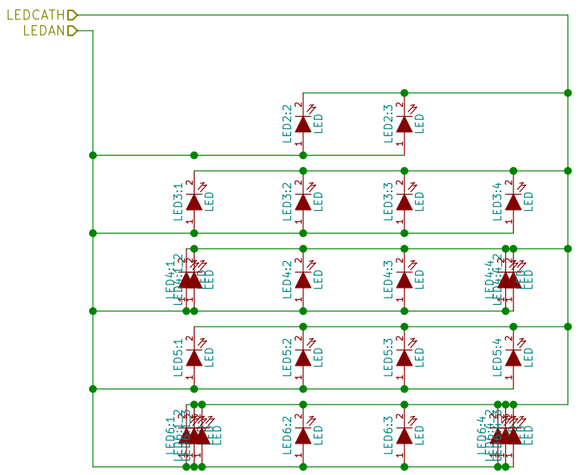
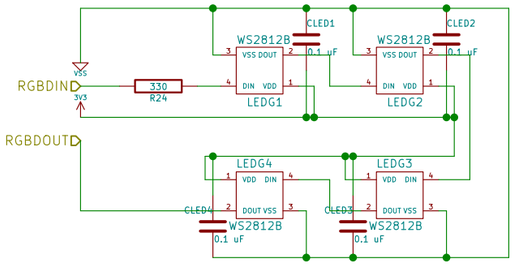
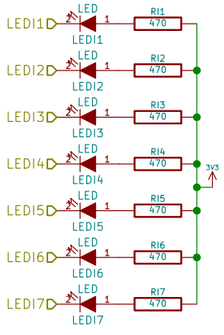
Left side backlight matrix



RGB LEDs



Indicator LEDs



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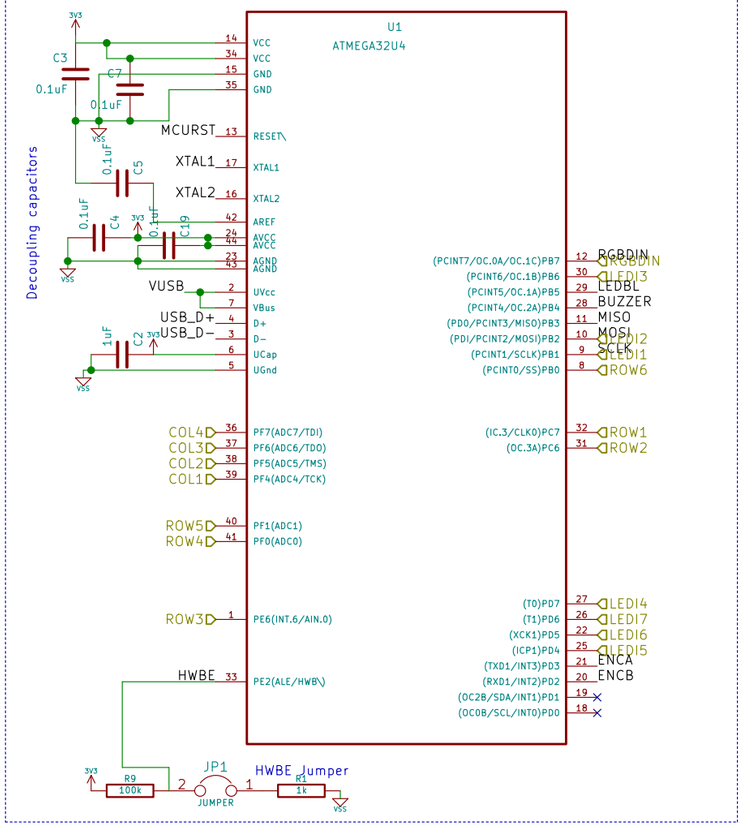
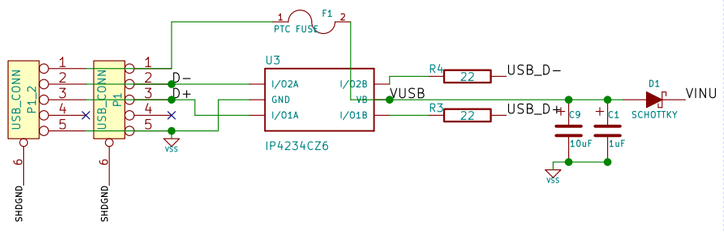
KiCad E.D.A. kicad 4.0.1-stable		Id: 2/3

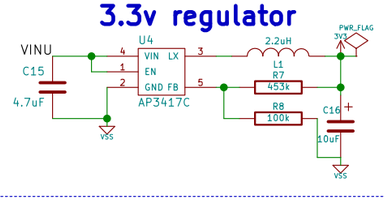
Microcontroller



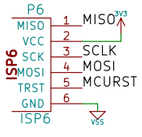
USB Circuit



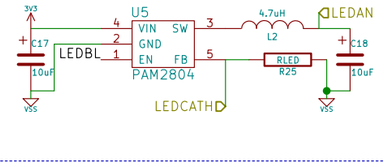
3.3v regulator



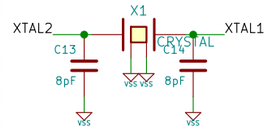
ISP Tag Connect



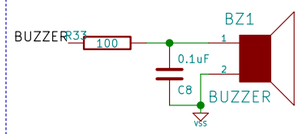
Backlight constant current supply



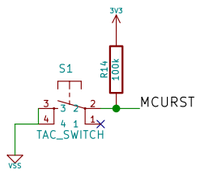
Crystal



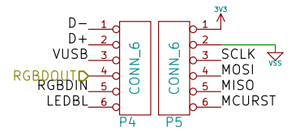
Buzzer (Optional)



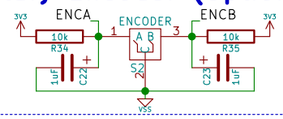
MCU RESET



Debug headers



Rotary Encoder (Optional)



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Title: SAMPad

Size: A3	Date: 2016-03-30	**Rev: Rev 0.1**
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