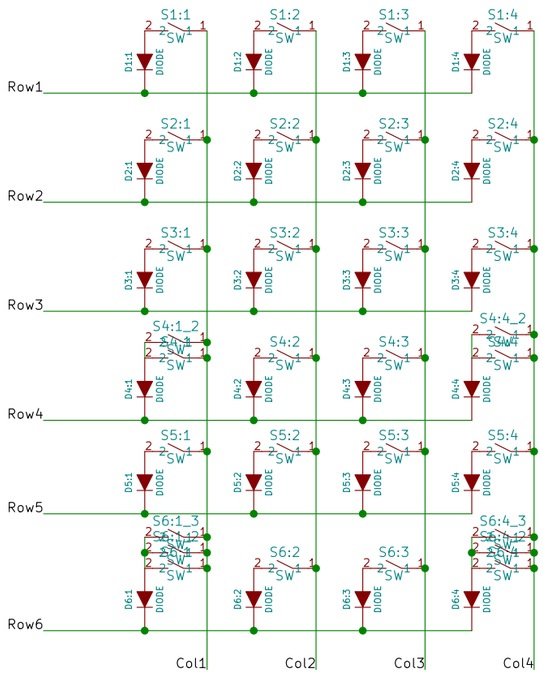
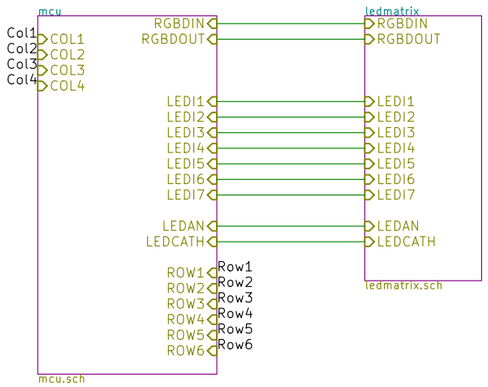
Switch Matrix





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

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File: SAMPad.sch

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Size: A3	Date: 2016-04-26	**Rev: Rev 0.5**
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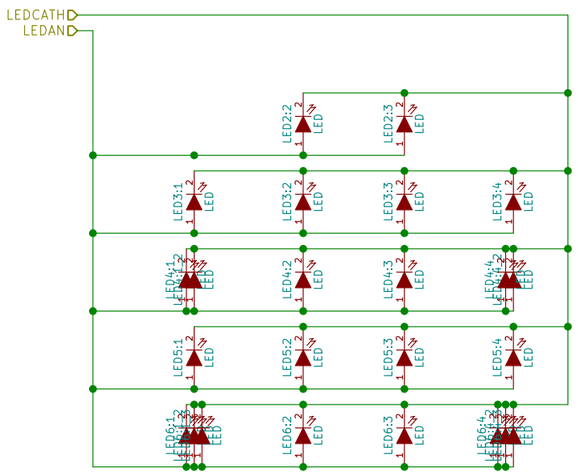
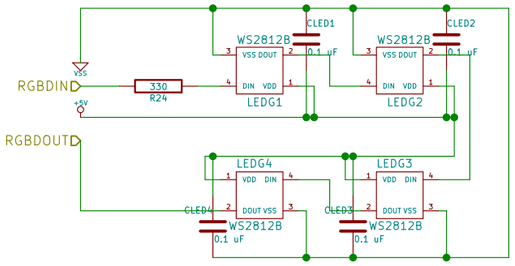
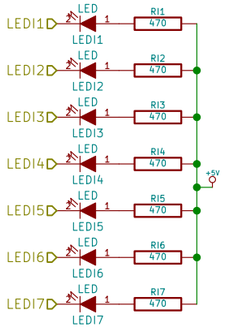
Left side backlight matrix



RGB LEDs



Indicator LEDs



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Title: SAMPad		
Size: A3	Date: 2016-04-26	**Rev: Rev 0.5**
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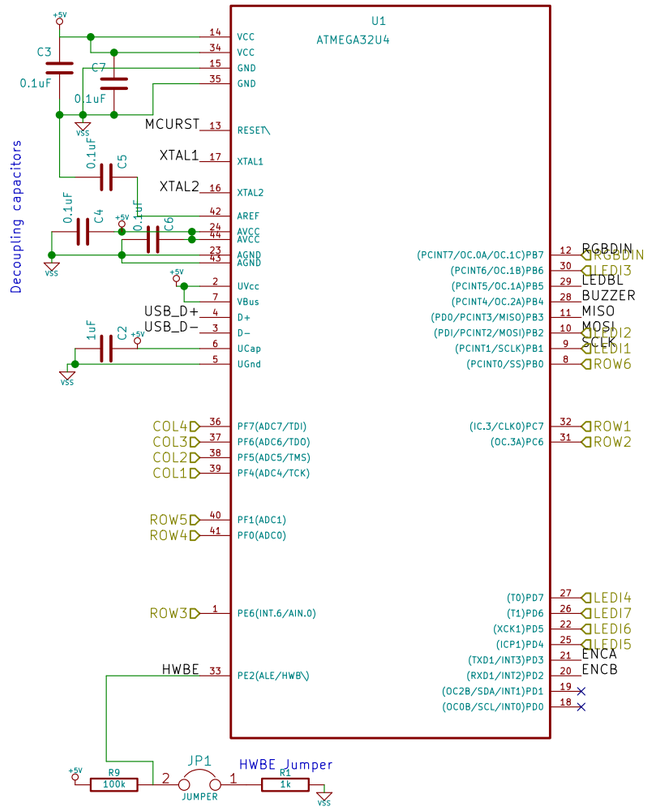
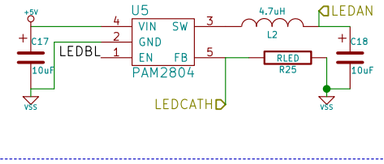
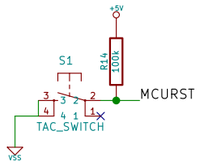
Microcontroller



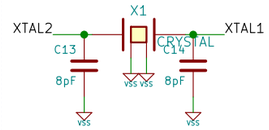
Backlight constant current supply



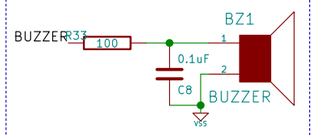
MCU RESET



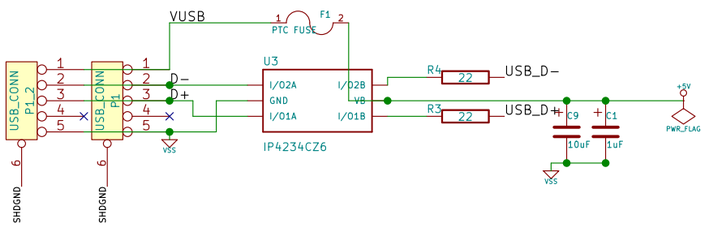
Crystal



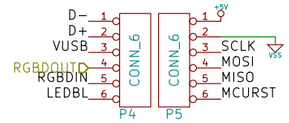
Buzzer (Optional)



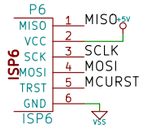
USB Circuit



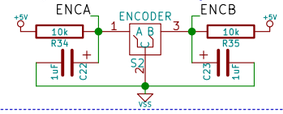
Debug headers



ISP Tag Connect



Rotary Encoder (Optional)



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Title: SAMPad

Size: A3	Date: 2016-04-26	**Rev: Rev 0.5**
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