

A

B

C

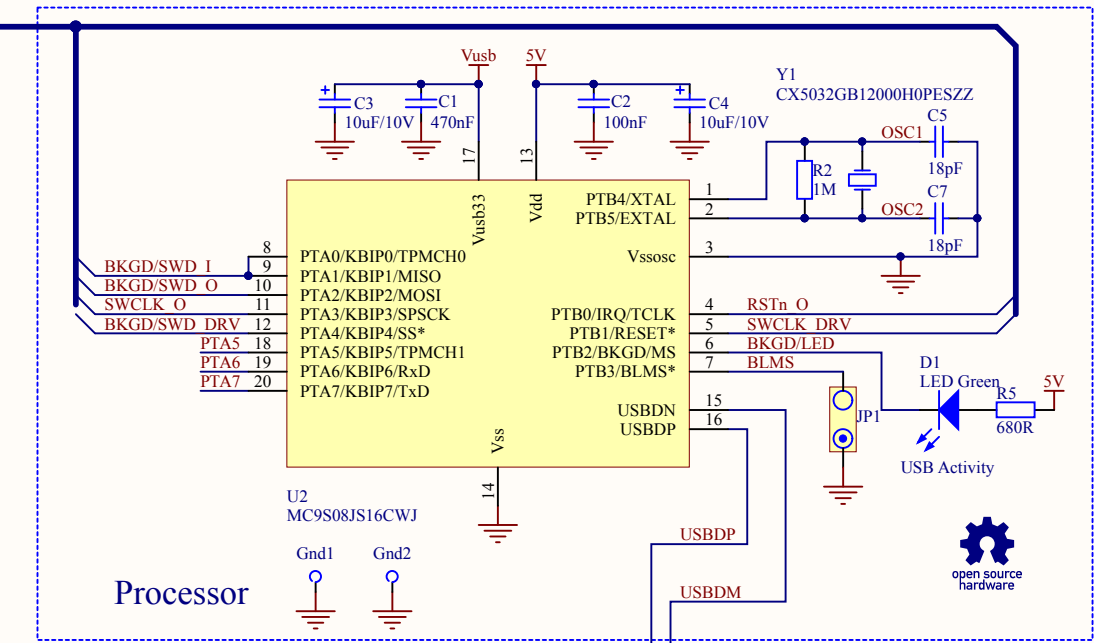
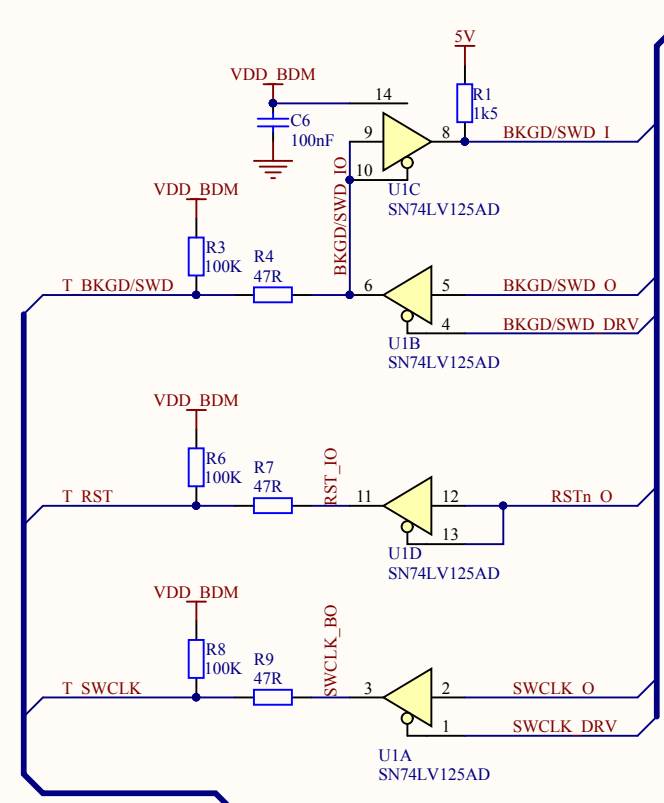
D

A

B

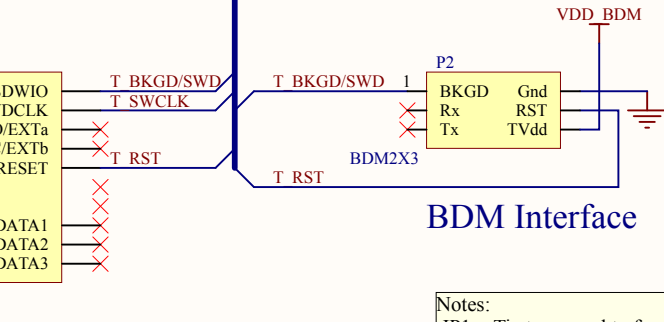
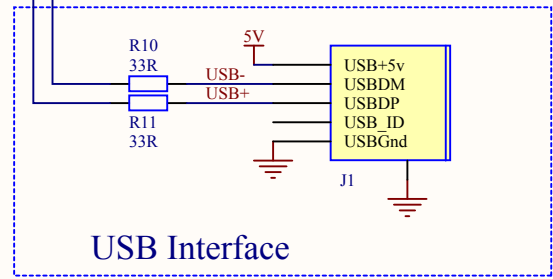
C

D



NOTE:
TI SN74LV125 devices must be used since they are 5V I/O tolerant.
Similar devices from other manufacturers may not be.

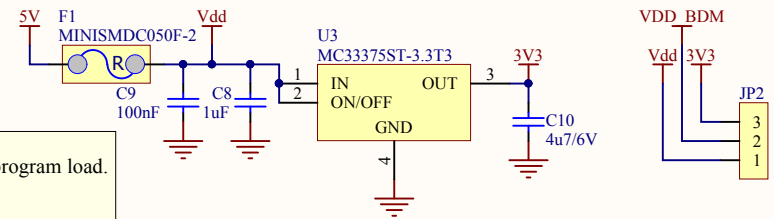
Revision:
1.0 1st Release
1.1 Added missing Gnd connection on PCB
2.1 Added regulator etc



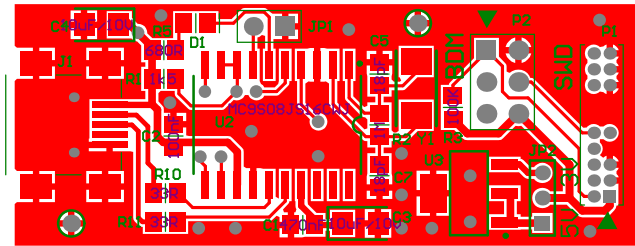
Kinetis 10p HD Connector

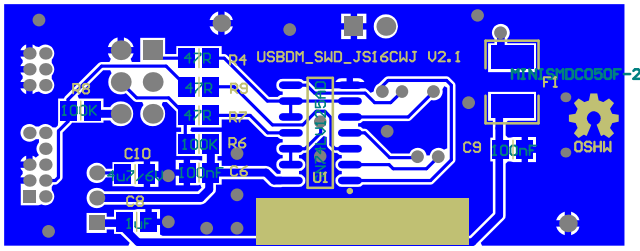
BDM Interface

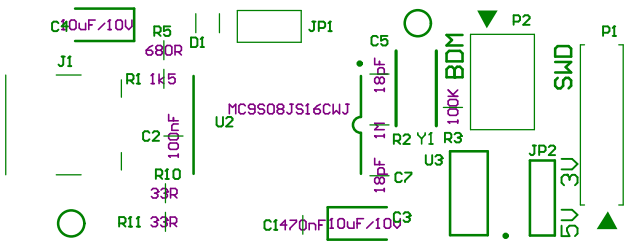
Notes:
JP1 - Tie to ground to force ROM Boot Loader Mode. Only for initial program load.
This version only supports HCS12, HCS08, & CFV1, Kinetis (SWD)
It does not support RS08 or CFV2,3,4 devices
It does not supply target power.
It does not have external target reset detection.



Title USBDM_SWD_JS16CWJ.SchDoc		
Size A4	Number	Revision 2.1
Date: 8/01/2017	Sheet of	
File: C:\Users\...USBDM_SWD_JS16CWJ.SchDoc	Down By:	







R8
100K

C10
4u7/6V

C8
1uF

47R R4
47R R9
47R R7
100K R6
100nF C6

SN74LV125AD

USBDM_SWD_JS16CWJ V2.1

C9 100nF

MINISMD C050F-2
F1



USBDM_SOIC20_JS16(Minimal)

[illegible]