

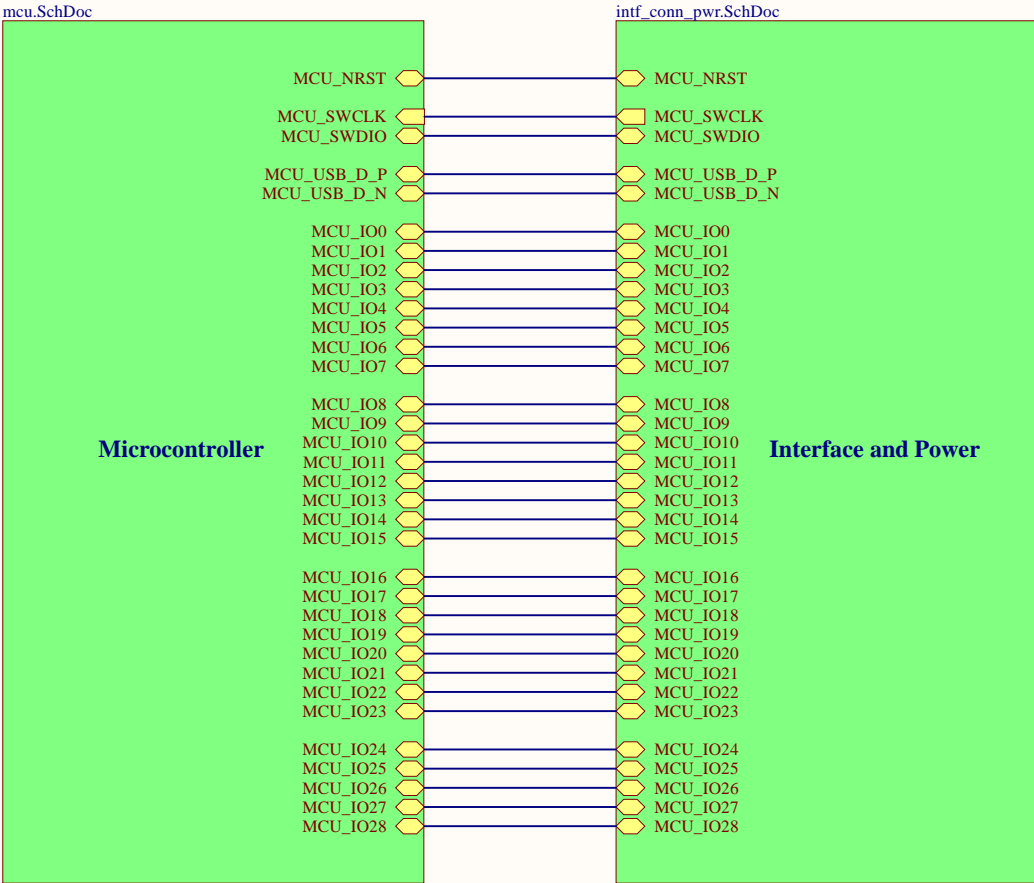
Microcontroller-on-Module STM32 Edition v1 (MoM-S1)

v 1.0.5

By: Matt Staniszewski

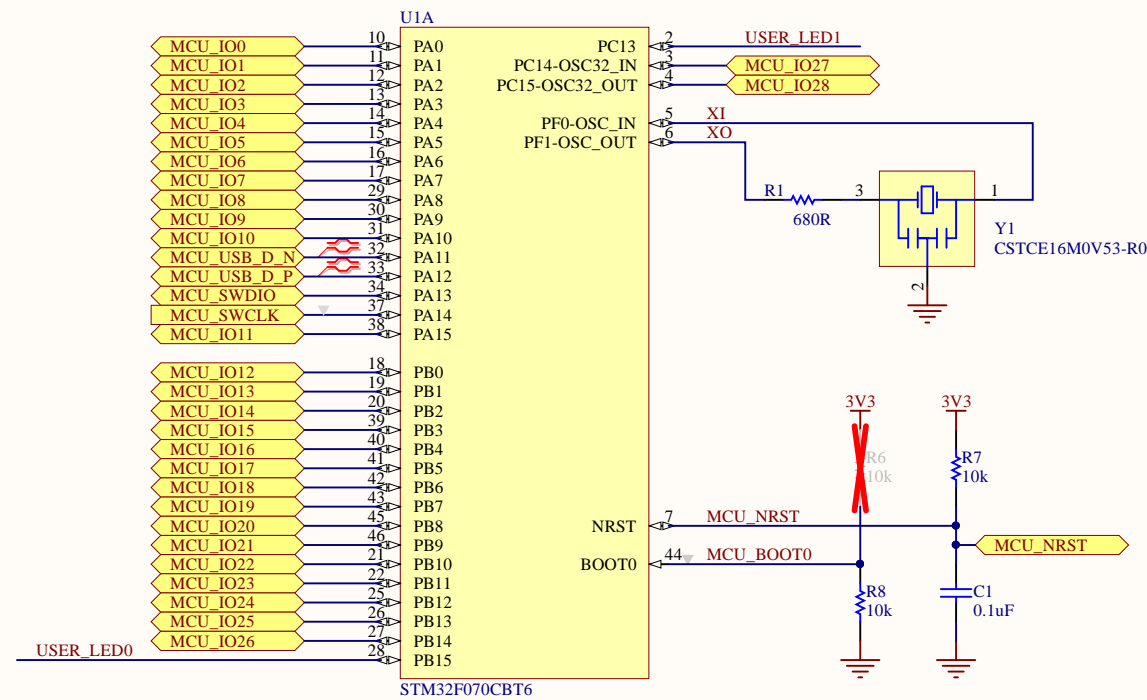
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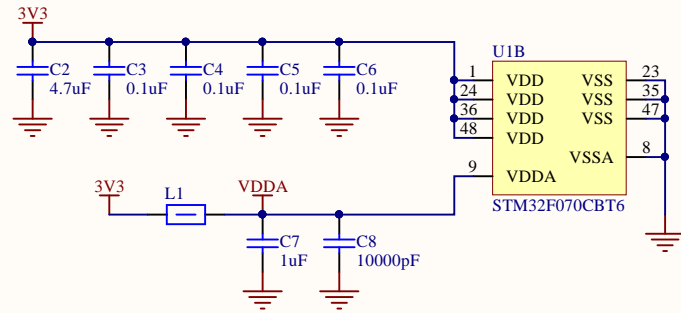
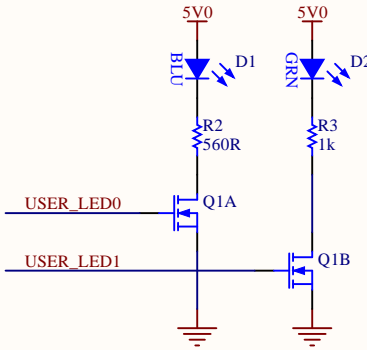


Title Introduction and Table of Contents			
Size Orcad B	Number MoM-S1		Revision 1.0.5
Date:	11/30/2018	Sheet	1 of 3
File:	C:\git\msx\mom\PCB\top_title_toc.SchDoc	Drawn By:	Matt Staniszewski

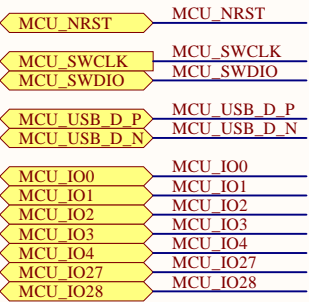
Microcontroller



User LEDs

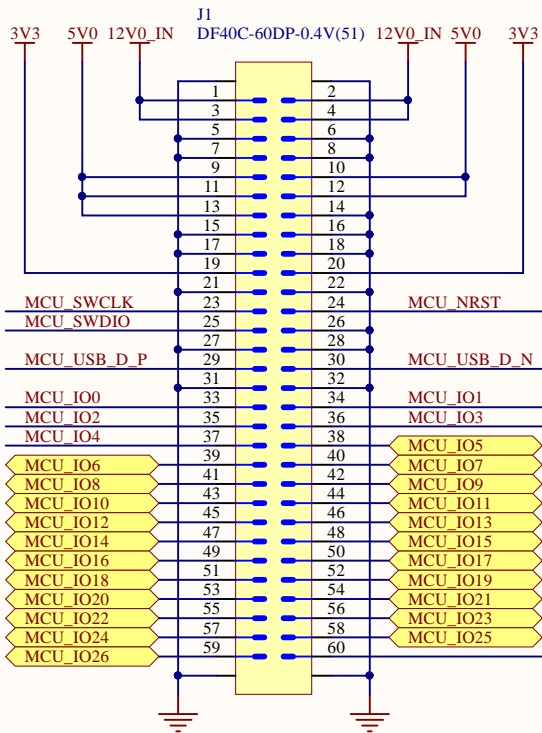


Title Microcontroller and BLE			
Size Orcad B	Number MoM-S1		Revision 1.0.5
Date:	11/30/2018	Sheet 2	of 3
File:	C:\git\msx\mom\PCB\mcu.SchDoc	Drawn By: Matt Staniszewski	



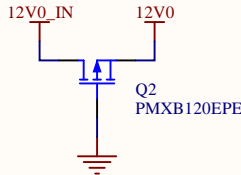
Ports with Test Points

Interface Connector

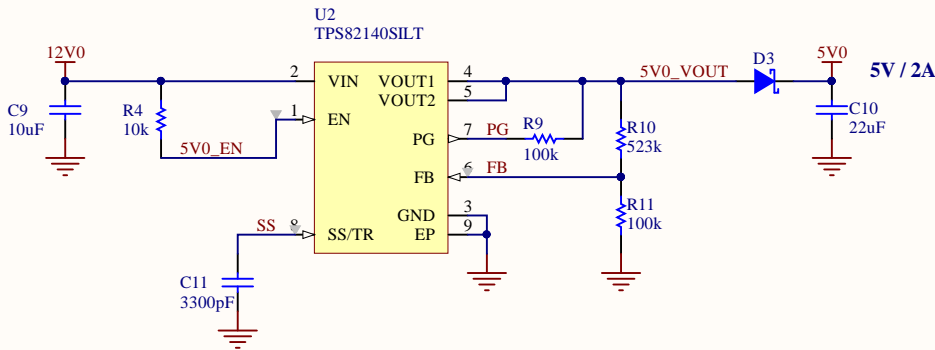


Mating Connector: DF40C-60DS-0.4V(51)
(May choose higher mating height if needed)

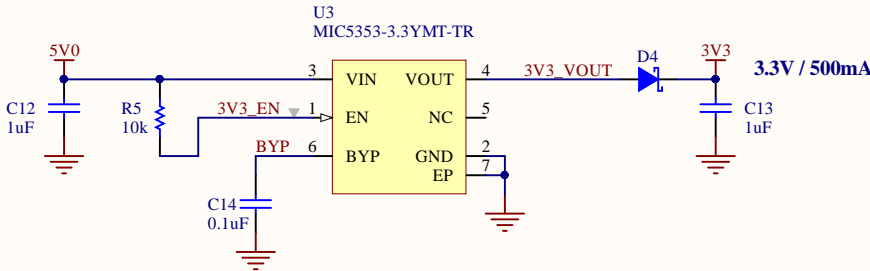
Reverse Voltage Protection



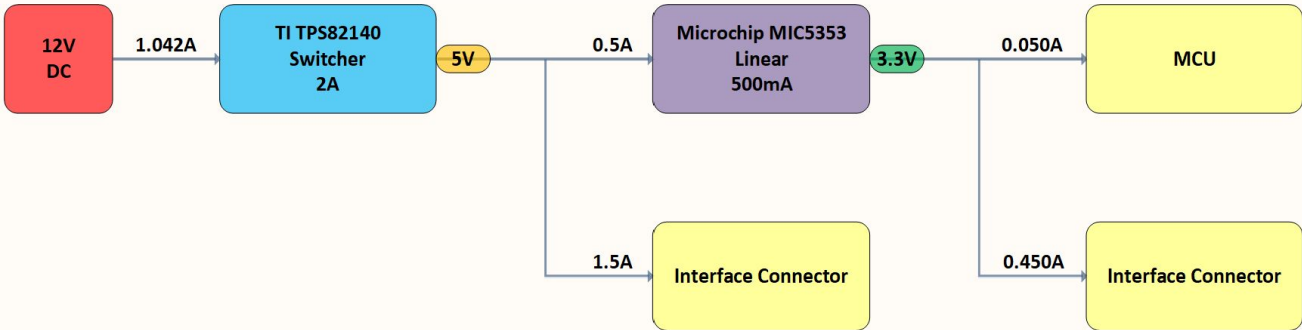
5V Switching Regulator



3.3V Linear Regulator



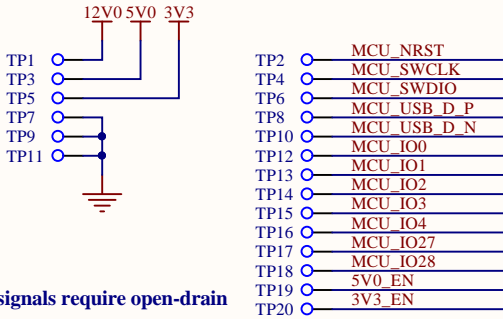
Voltage Tree



M1.6 Mounting Hole



Test Points



Enable signals require open-drain

Title		
Interface Connector and Power		
Size	Number	Revision
Orcad B	MoM-S1	1.0.5
Date:	11/30/2018	Sheet 3 of 3
File:	C:\git\msx\mom\PCB\intf_conn_pwr.Sch	Drawn By: Matt Staniszewski