

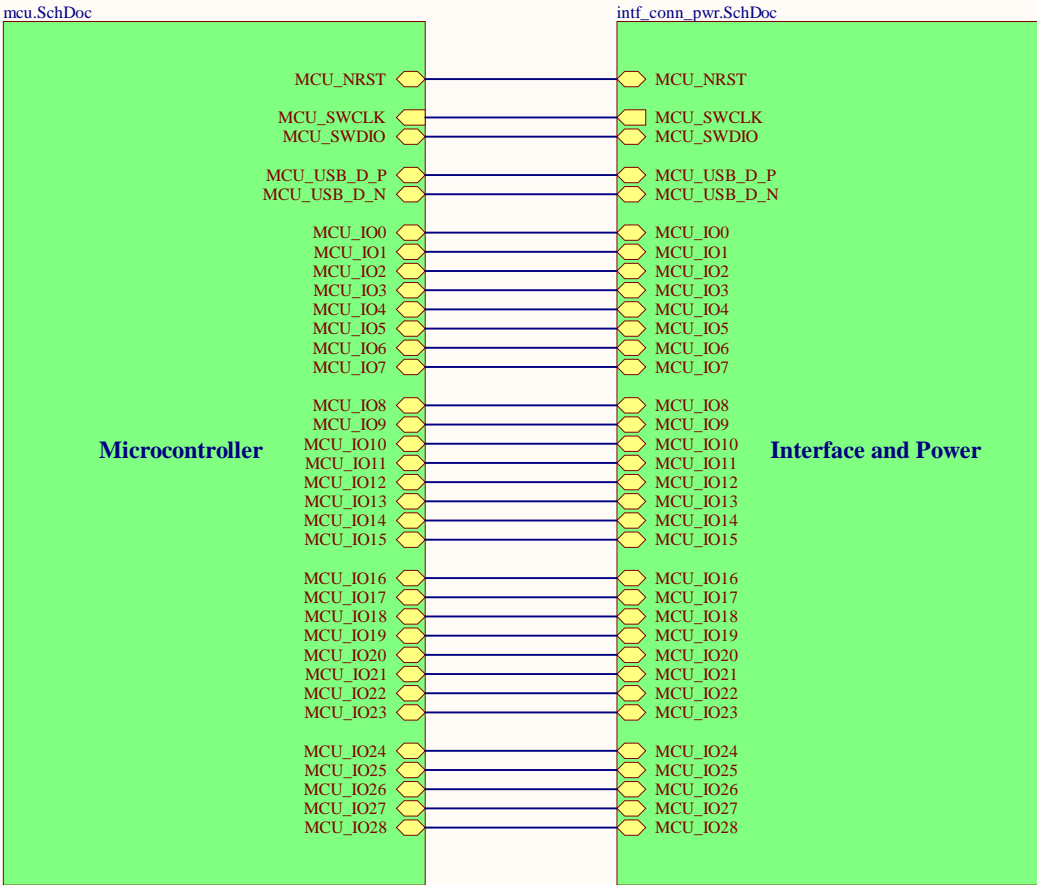
Microcontroller-on-Module STM32 Edition v1 (MoM-S1)

v 1.0.6

By: Matt Staniszewski

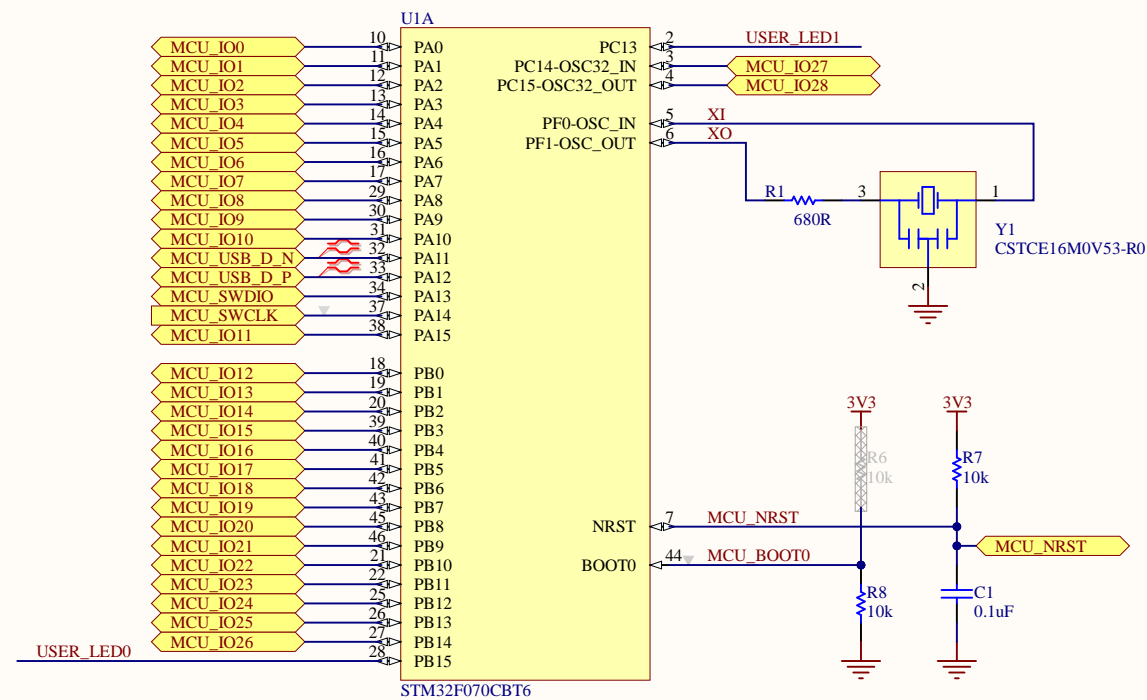
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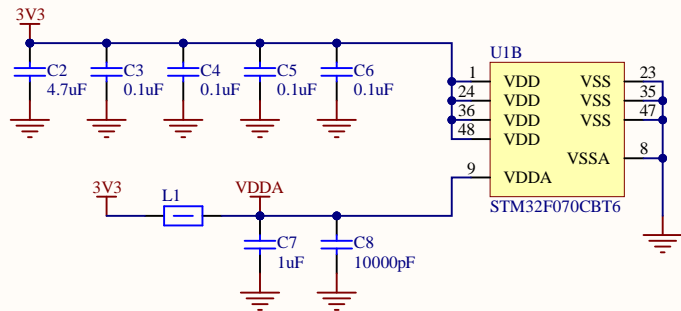
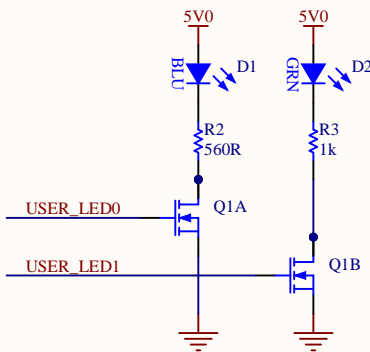


Title			Introduction and Table of Contents		
Size	Number		Revision		
Orcad B	MoM-S1		1.0.6		
Date:	3/17/2020		Sheet of	3	
File:	C:\git\...\top_title_toc.SchDoc		Drawn By:	Matt Staniszewski	

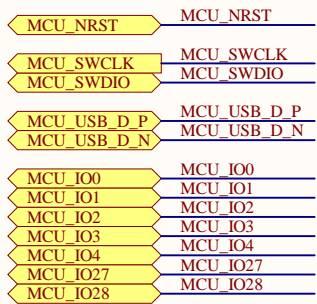
Microcontroller



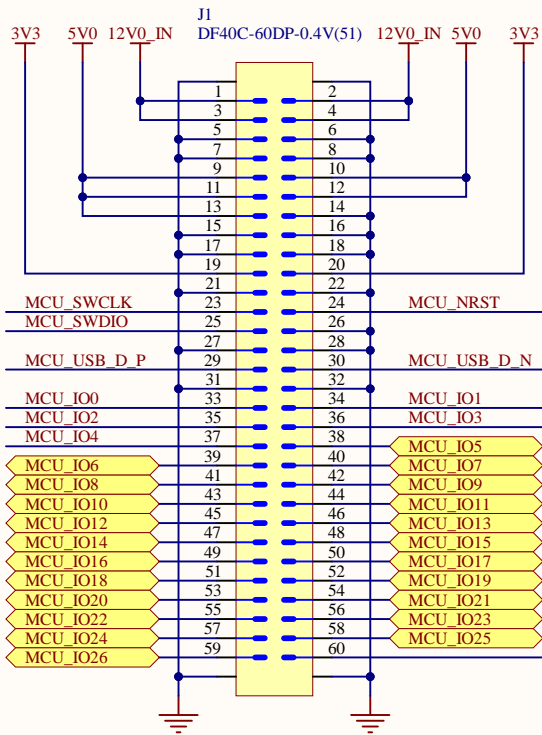
User LEDs



Title Microcontroller and BLE		
Size Orcad B	Number MoM-S1	Revision 1.0.6
Date:	3/17/2020	Sheet 2 of 3
File:	C:\git\msx\mom\mom-s1\PCB\mcu.SchDocDrawn By: Matt Staniszewski	

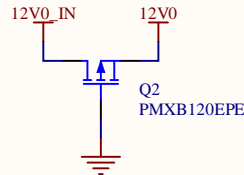


Ports with Test Points

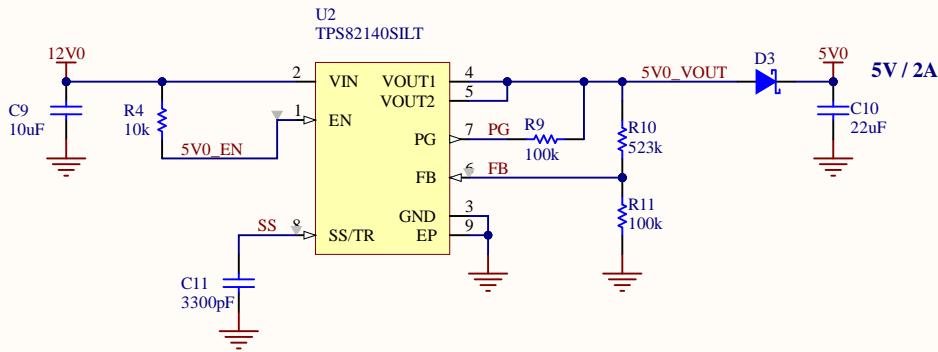


Mating Connector: DF40C-60DS-0.4V(51)
(May choose higher mating height if needed)

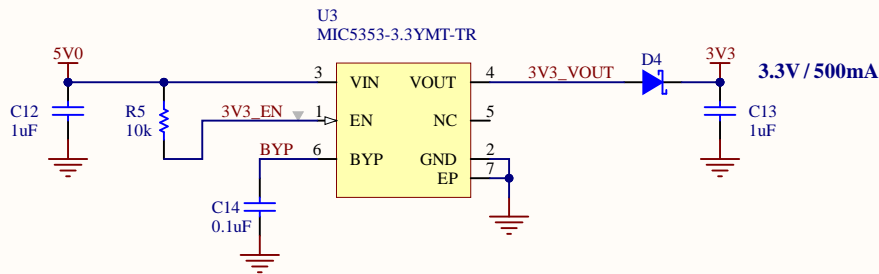
Reverse Voltage Protection



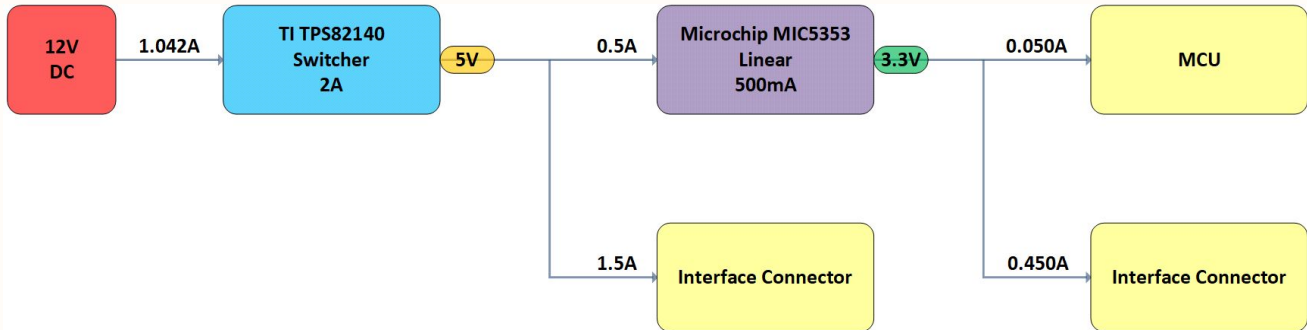
5V Switching Regulator



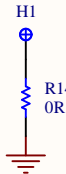
3.3V Linear Regulator



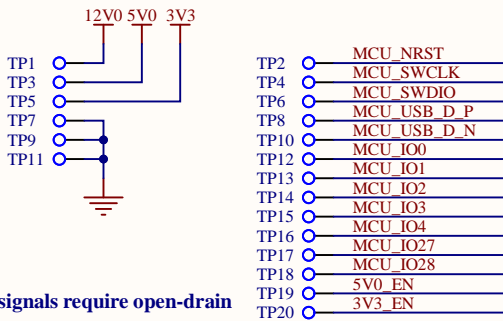
Voltage Tree



M1.6 Mounting Hole



Test Points



Enable signals require open-drain

Title		
Interface Connector and Power		
Size	Number	Revision
Orcad B	MoM-S1	1.0.6
Date:	3/17/2020	Sheet 3 of 3
File:	C:\git\...\intf_conn_pwr.SchDoc	Drawn By: Matt Staniszewski