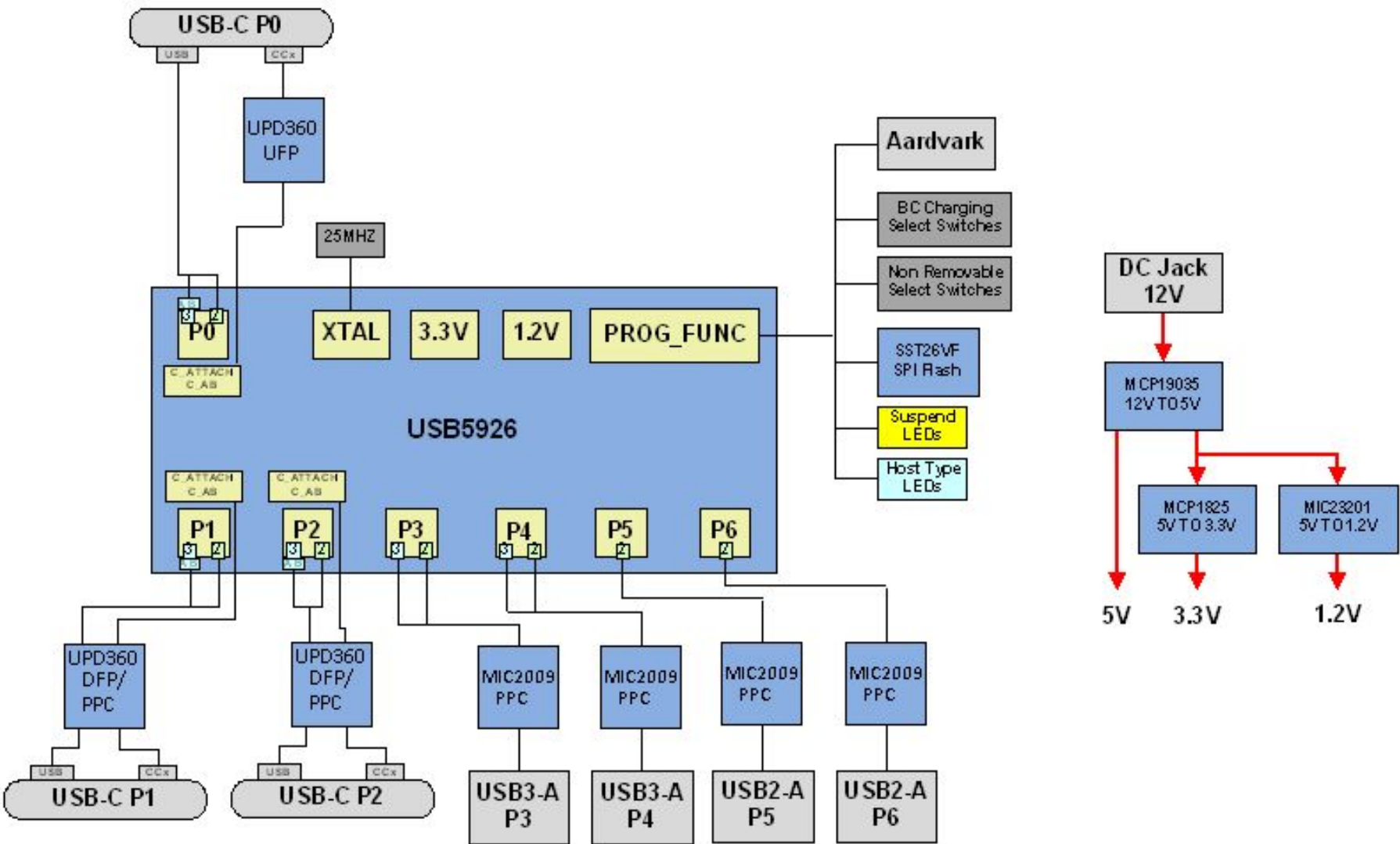


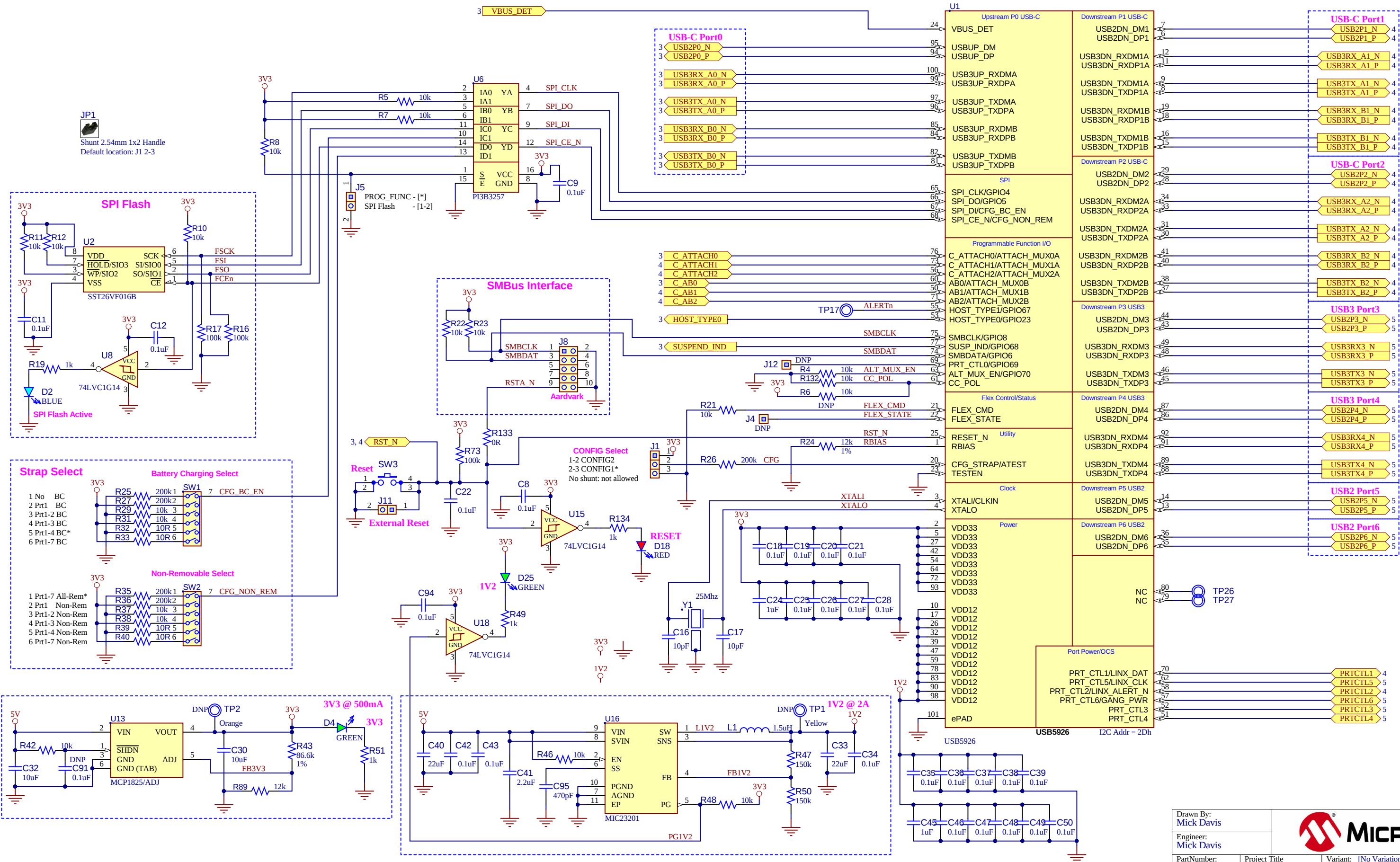
Table of Contents	
Sheet	Description
1	Table of Contents, Revision History, Block Diagram
2	USB5926, SST26VF SPI Flash, Port Controllers, DC Regulators
3	USB-C Upstream Port, Suspend & Host LEDs
4	USB-C Downstream Ports
5	USB-A Downstream Ports, MCP19035 12V to 5V DC Converter

Notes	
1	All resistors are 1% unless specified otherwise
2	Shunt jumper default selections are marked with an asterisk [*].

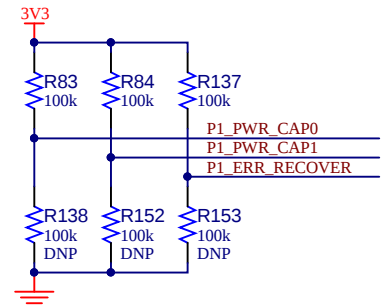
Revision History			
Revision	Date	Revision Summary	Author
A	11-05-2015	Released for manufacturing	A. Cruz
00B	1-22-2015	Removed R1, R131. Fixed USB3 P0 A side TX/RX connectivity. Added 1k bleeder resistors. Added test points to CC1/CC2, USB port controller EN inputs.	A. Cruz
B	2-03-2016	Removed J19 SPI Programming Header. Swapped TX and RX A0 polarity on UFP connector for easier routing. Added PPC test points on all ports.	J. Hancock
C	10-04-2016	Replaced Upstream and Downstream PPCs with UPD360 and MIC2009s.	J. Hancock
D	11-25-2016	Renumbered PRTCTL pins on the USB5926.	J. Hancock
D1	2-12-2019	Updated the UPD360 to MCL.	
R1.0	10-1-2020	Updated to MCL for DevTools	M. Davis



Note:
Default selections are marked with an asterisk [*].



USB-C Downstream Port 1



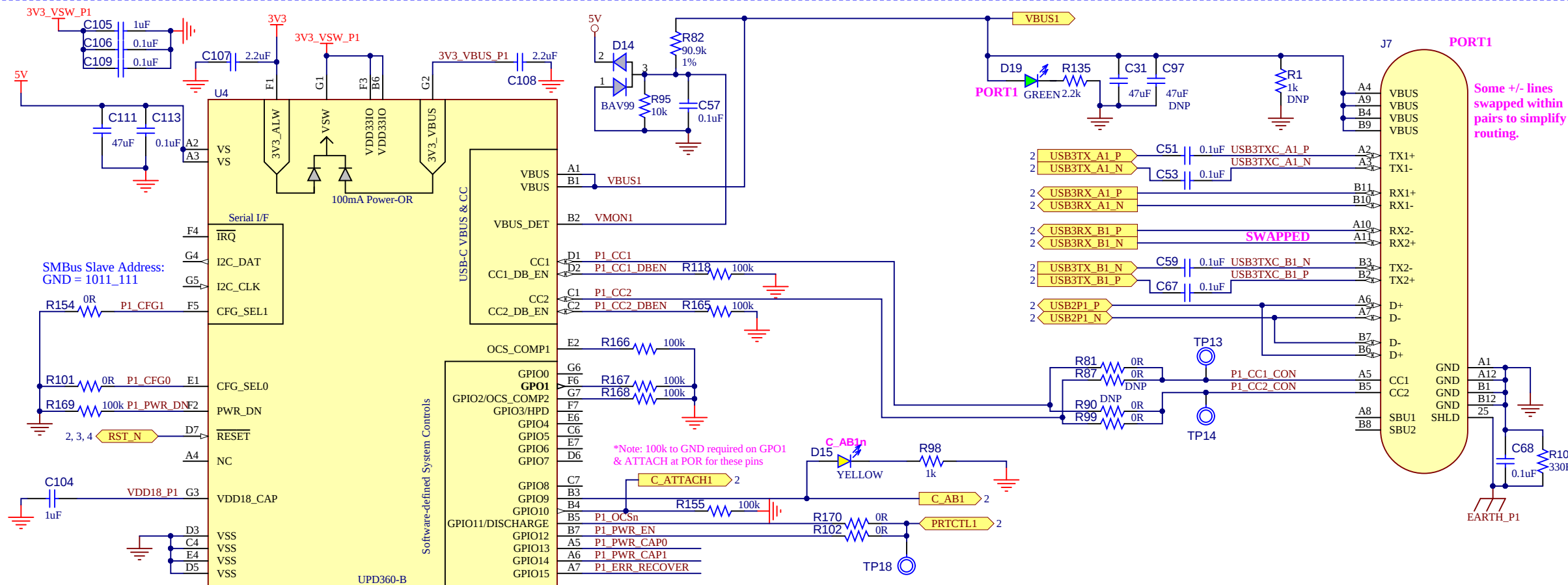
Standalone DFP Settings Straps

USB-C VBUS SRC Current Limit Settings

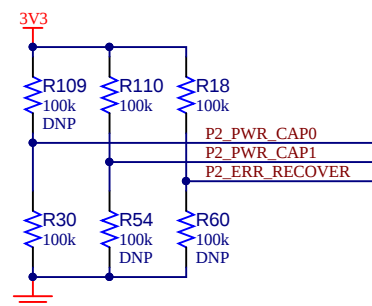
PWR_CAP[1:0]: 11b => 3.0A
 10b => 1.5A
 01b => 900mA (USB3 Default)
 00b => 500mA (USB2 Default)

VBUS/VCONN Error Recovery Mode

ERR_RECOVERY: 0 => Latch upon error
 1 => Auto-Recovery Enabled



USB-C Downstream Port 2



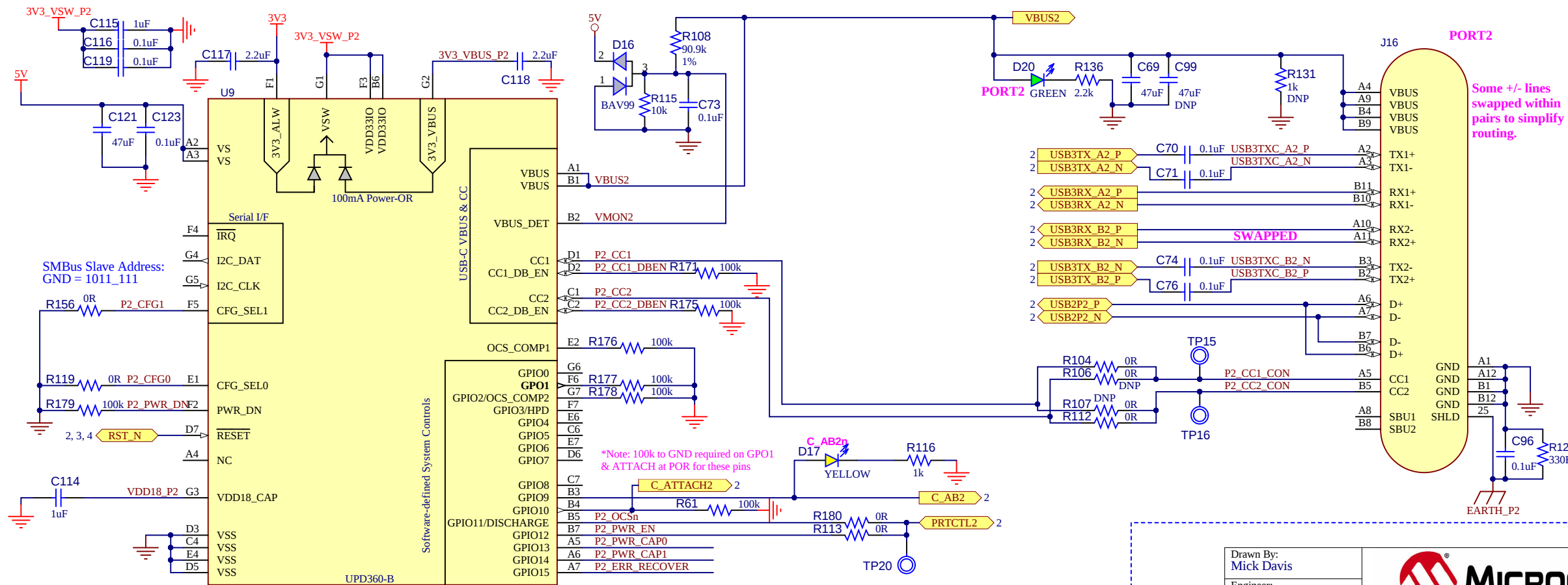
Standalone DFP Settings Straps

USB-C VBUS SRC Current Limit Settings

PWR_CAP[1:0]: 11b => 3.0A
 10b => 1.5A
 01b => 900mA (USB3 Default)
 00b => 500mA (USB2 Default)

VBUS/VCONN Error Recovery Mode

ERR_RECOVERY: 0 => Latch upon error
 1 => Auto-Recovery Enabled



Drawn By: Mick Davis		 MICROCHIP	
Engineer: Mick Davis			
PartNumber: EVB-USB5926	Project Title EVB-USB5926	Variant: [No Variations]	
Sheet Title USB-C Downstream Ports 1 & 2			<i>Designed with</i>  Altium.com
Size Tabloid	SCH #: 03-00134 PCB #: 04-11196	Rev:1 Rev:1	Date: 5/5/2021 Sheet 4 of 5
File: 4-11196-USB-C_DS_Ports.SchDoc			

