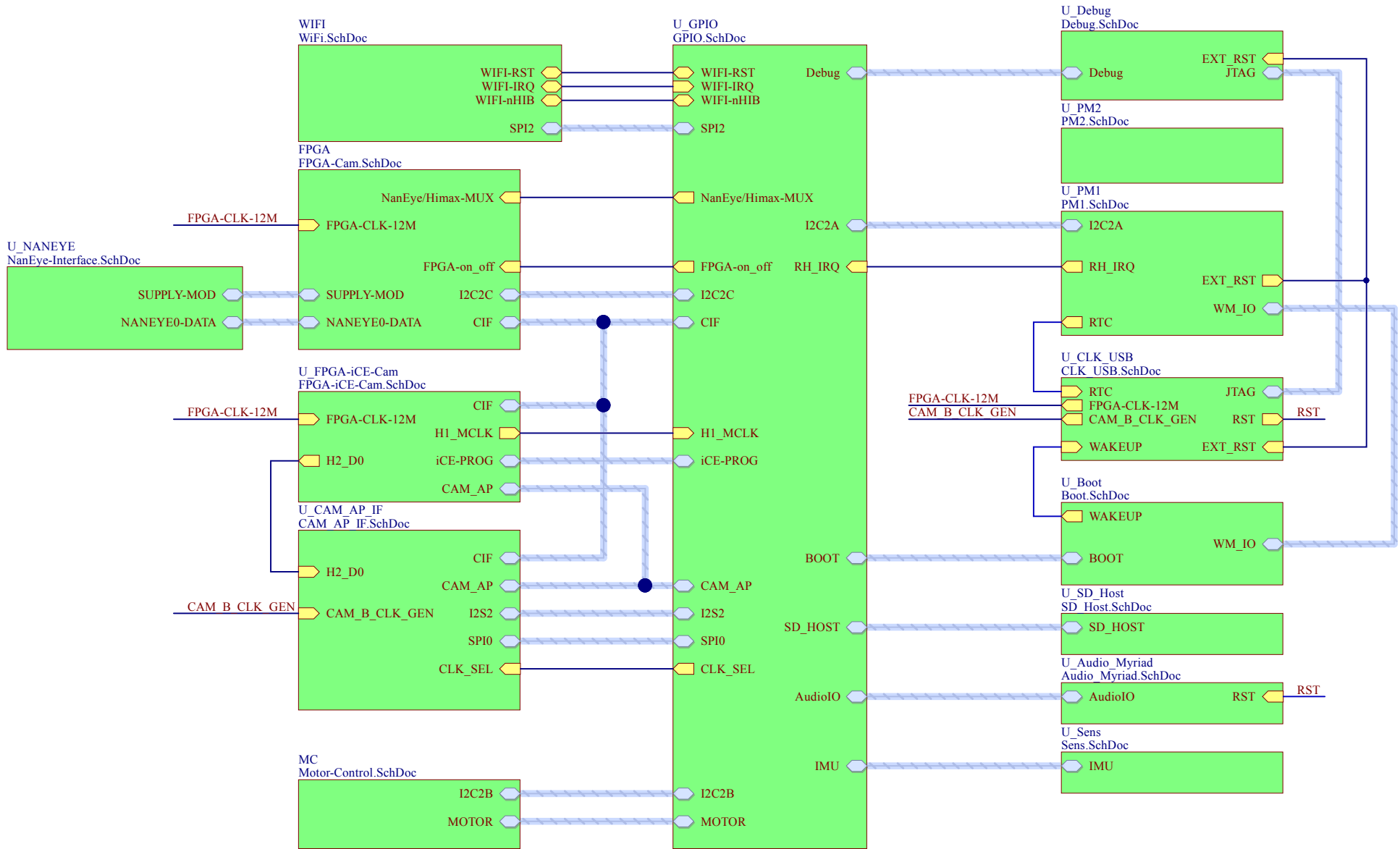
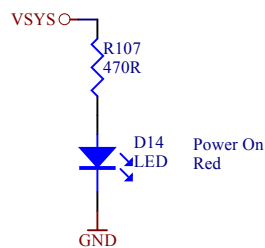
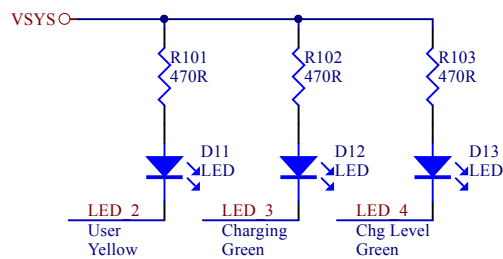
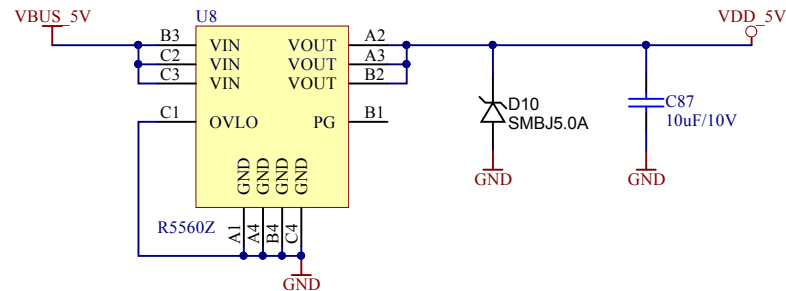
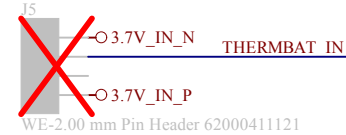


**MV0231 Reference Schematic**  
**Revision: R1M0E0 November 30th 2016**

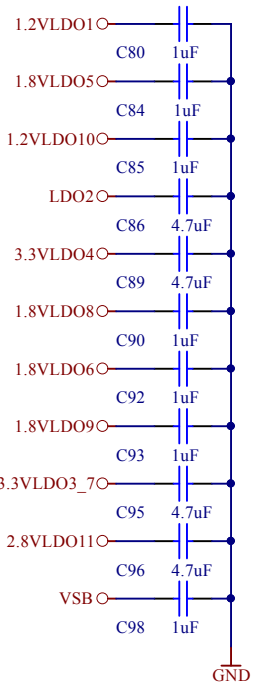
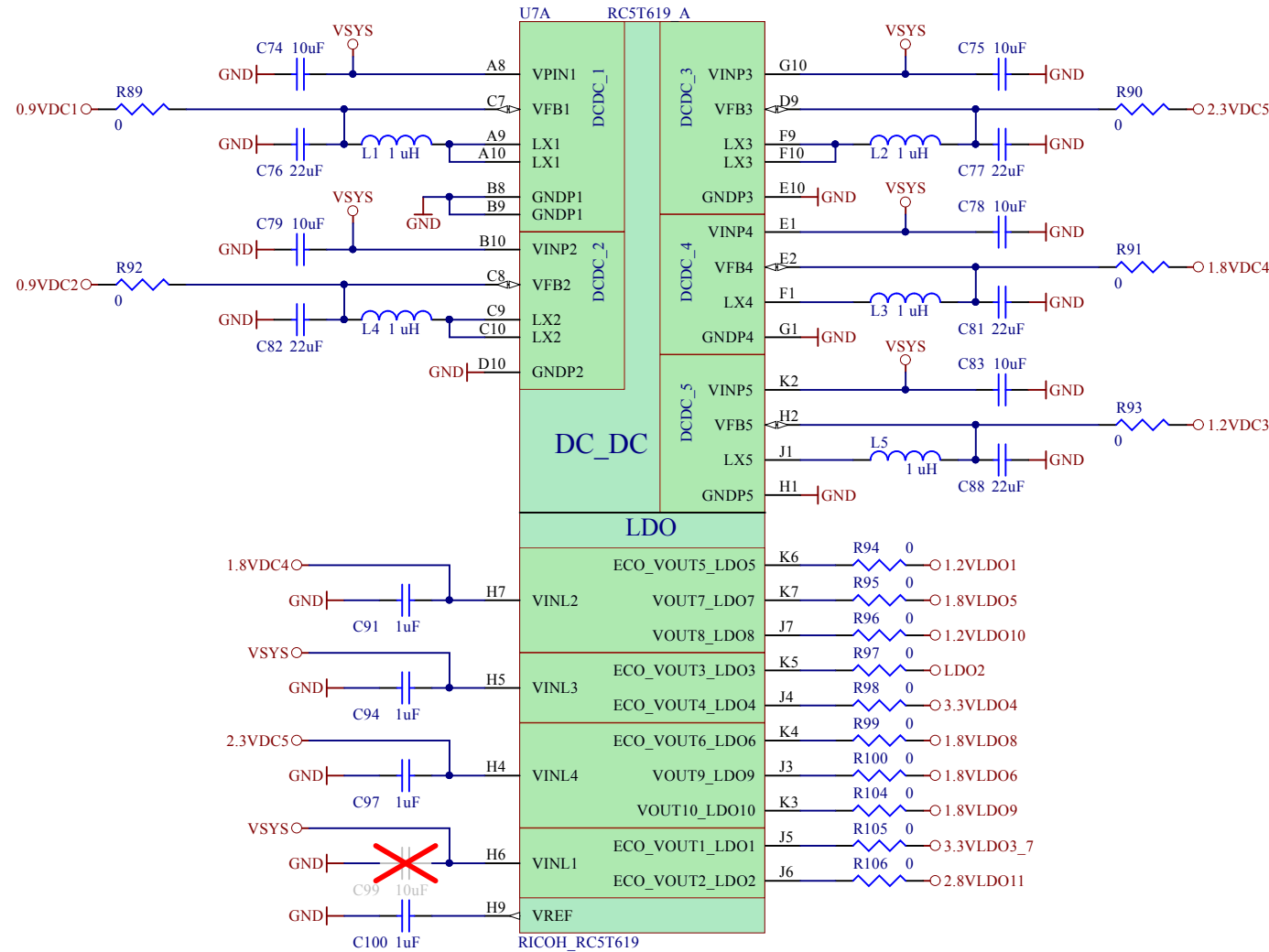




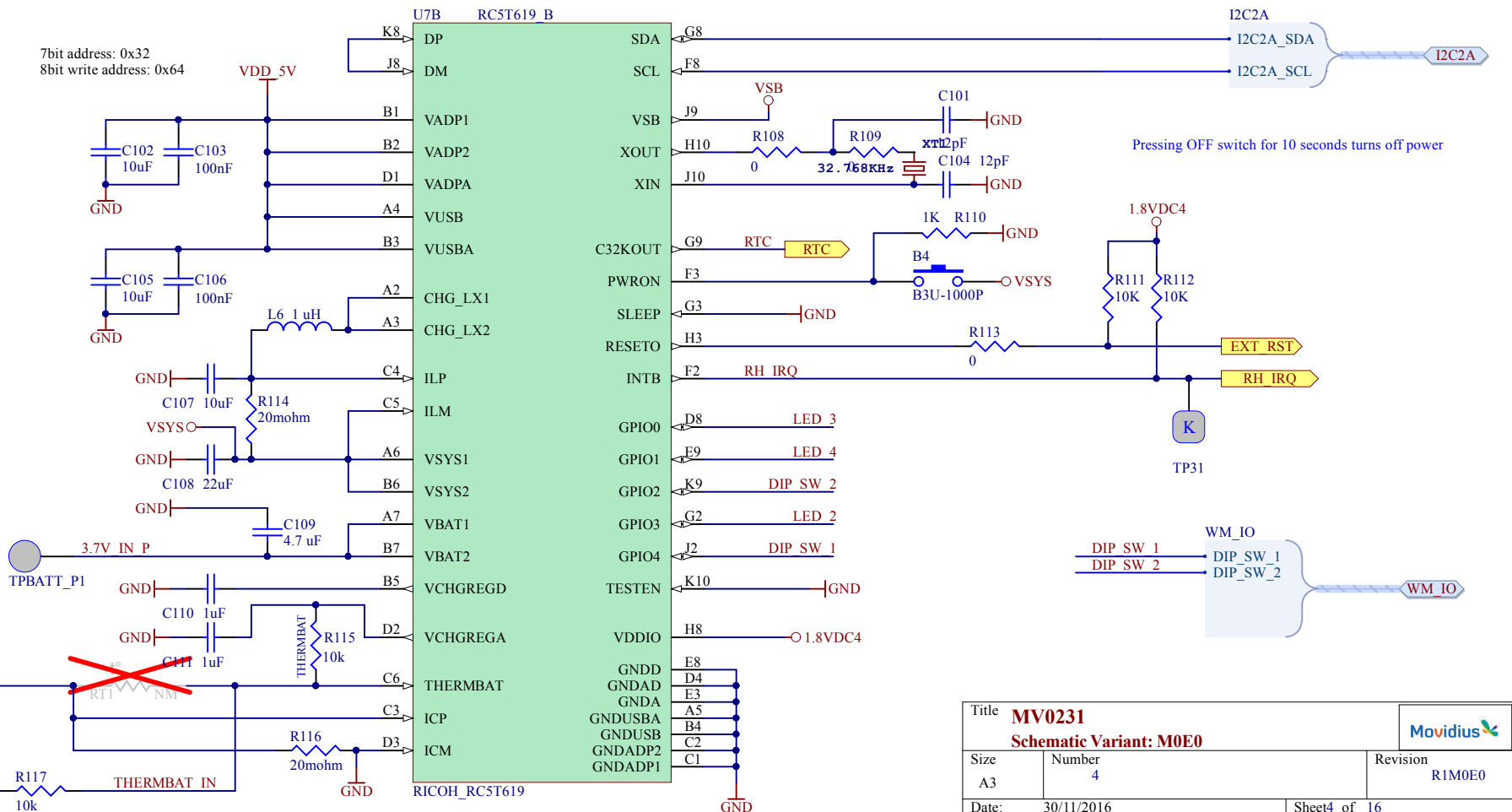
BATTERY\_IN




Mark "Power" on PCB



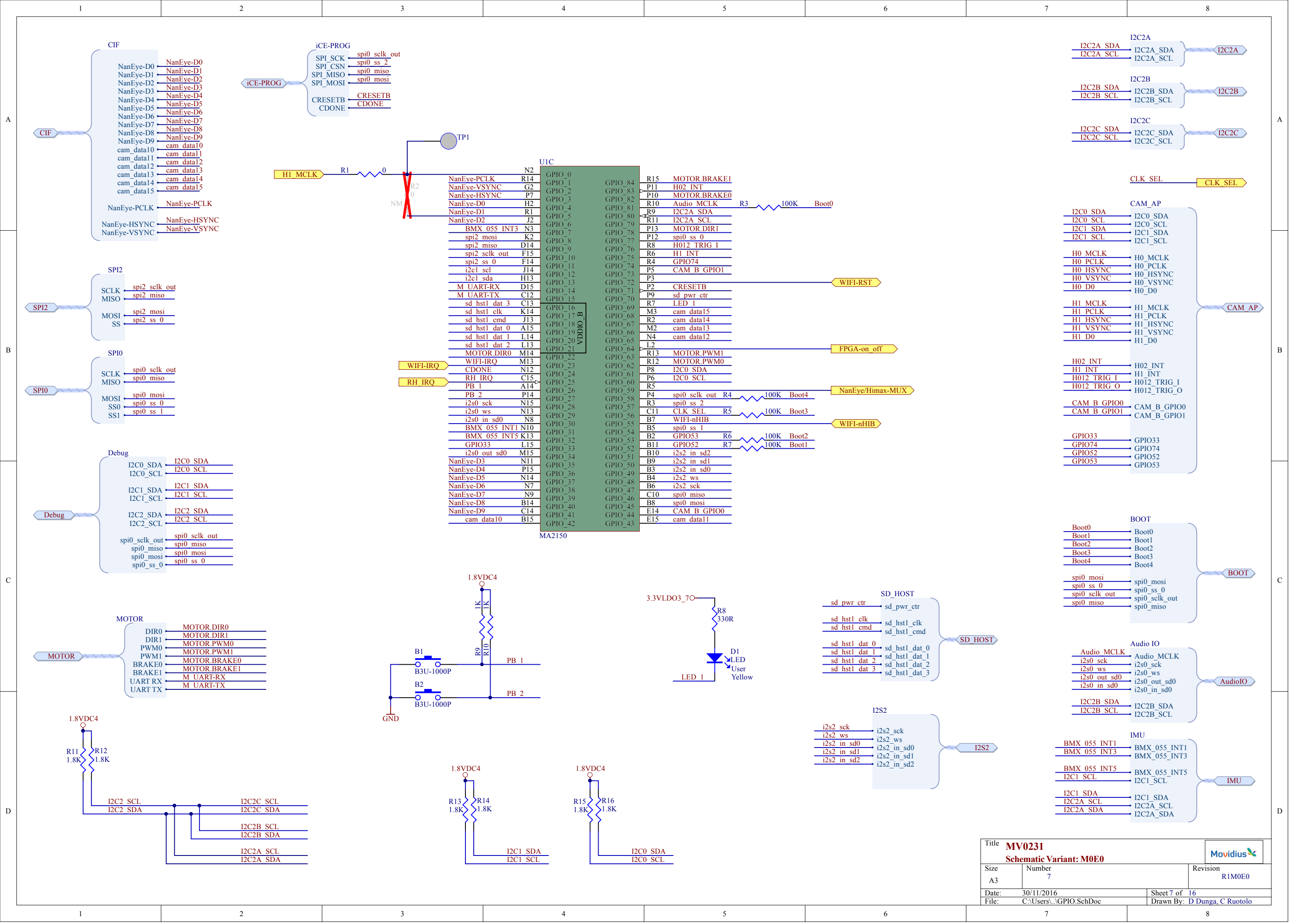
7bit address: 0x32  
8bit write address: 0x64

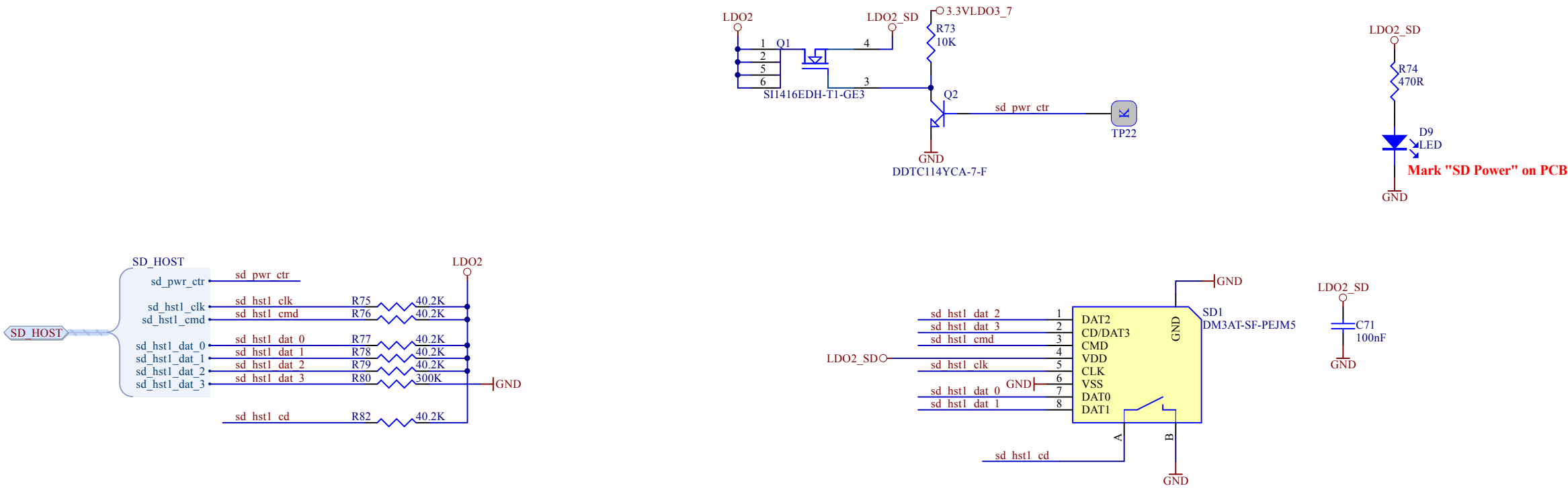


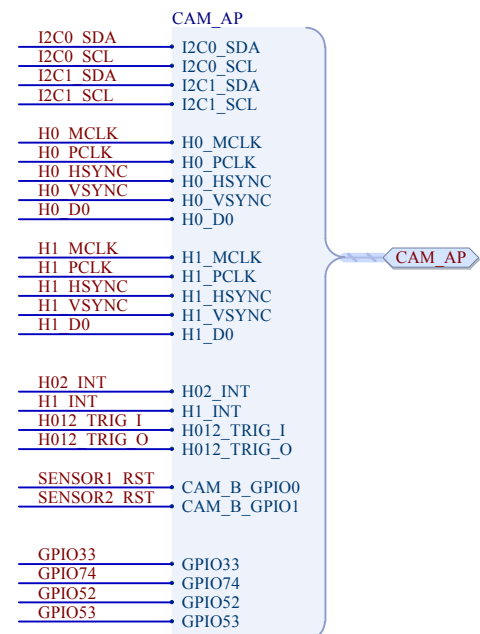
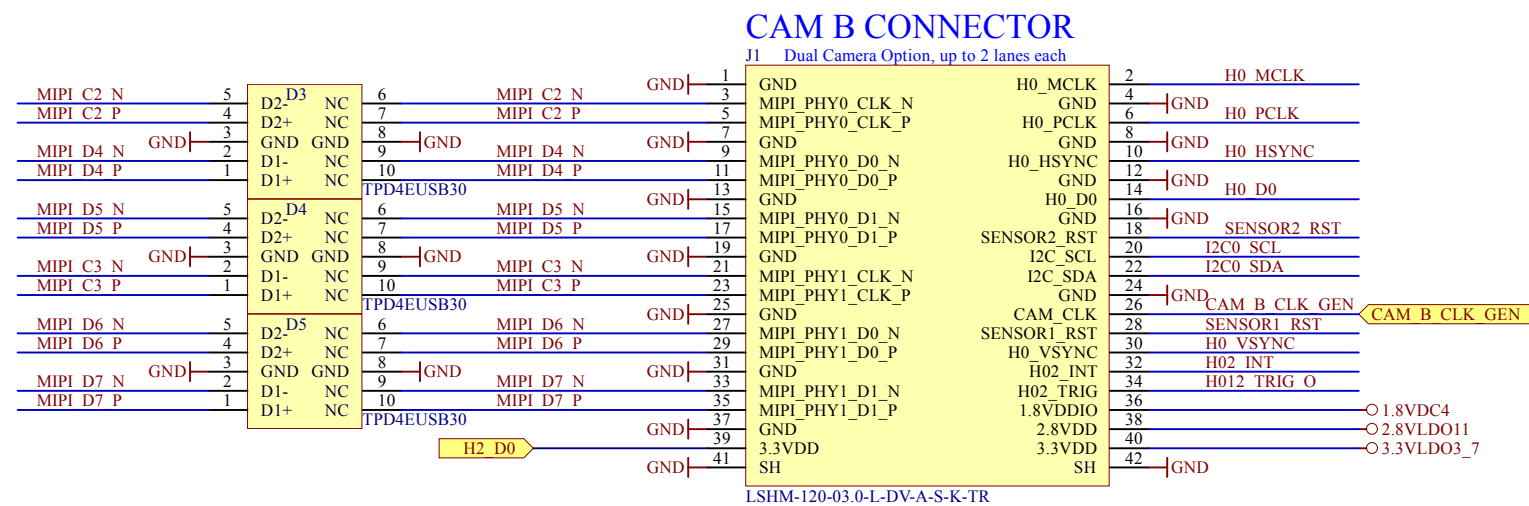
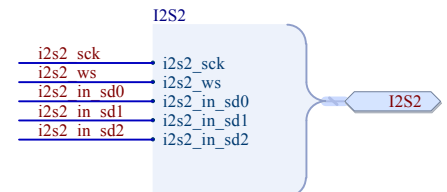
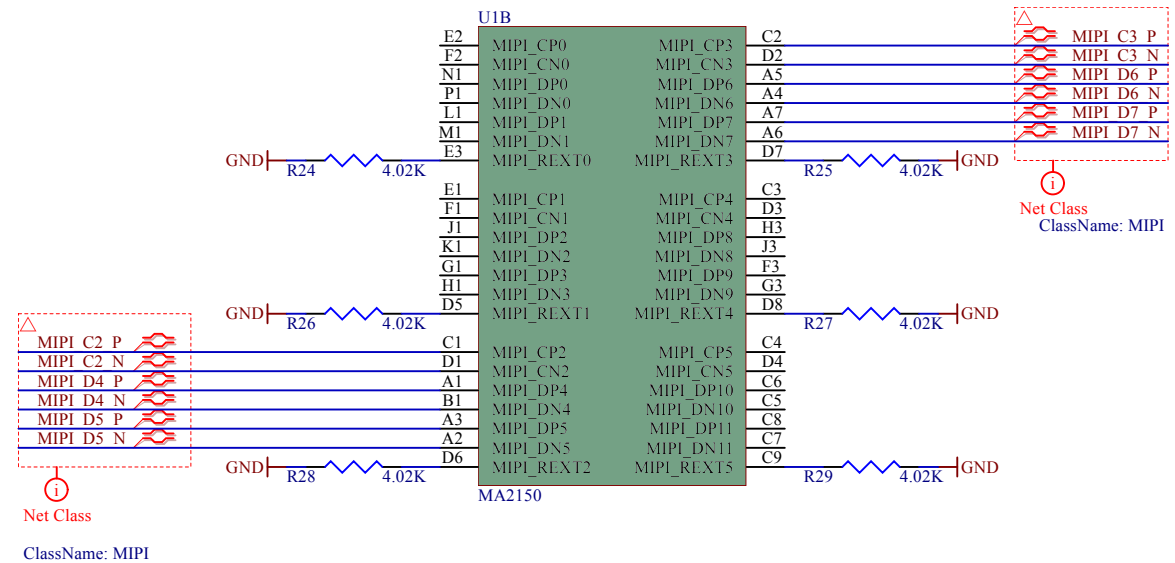
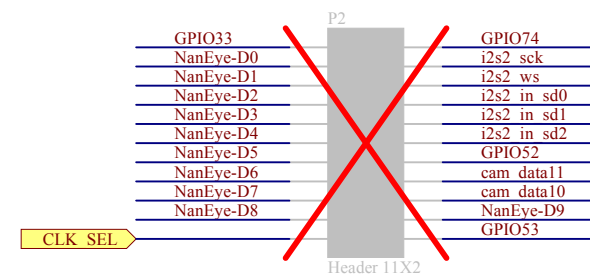
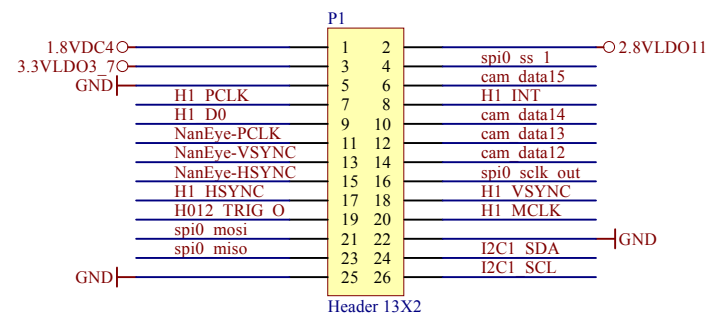
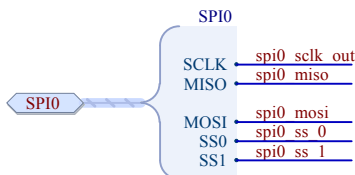
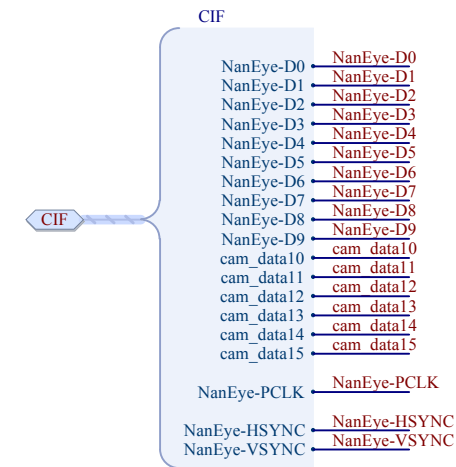
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MV0231 Schematic Variant: M0E0		
Size	Number	Revision
A3	4	R1M0E0
Date:	30/11/2016	Sheet4 of 16
File:	C:\Users\...PM1\SchDoc	Drawn By: D Dunga, C Ruotolo



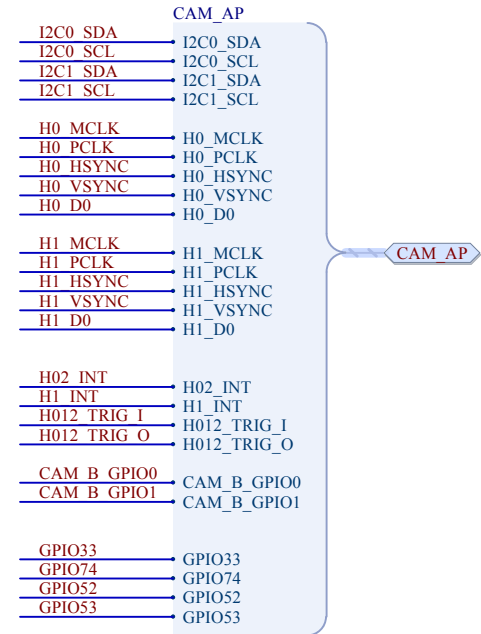
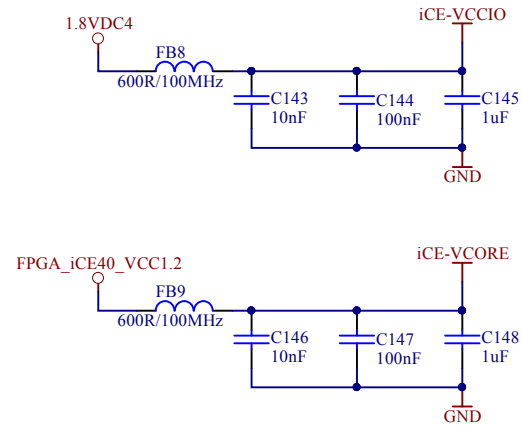
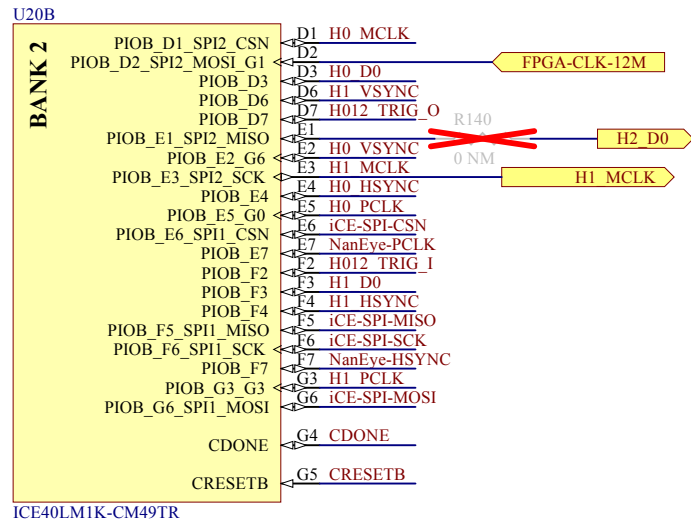
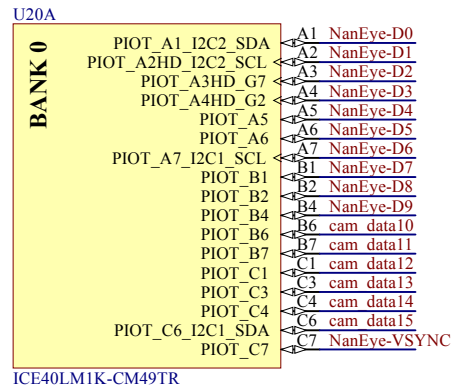
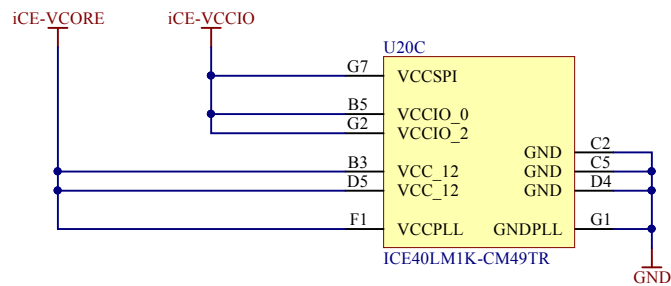
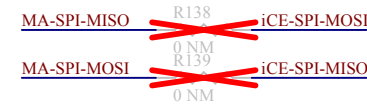
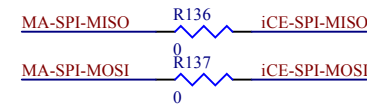
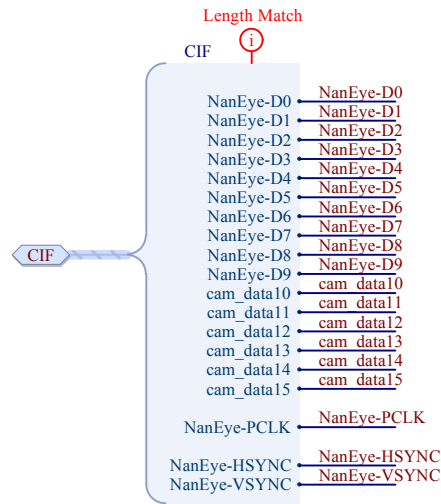


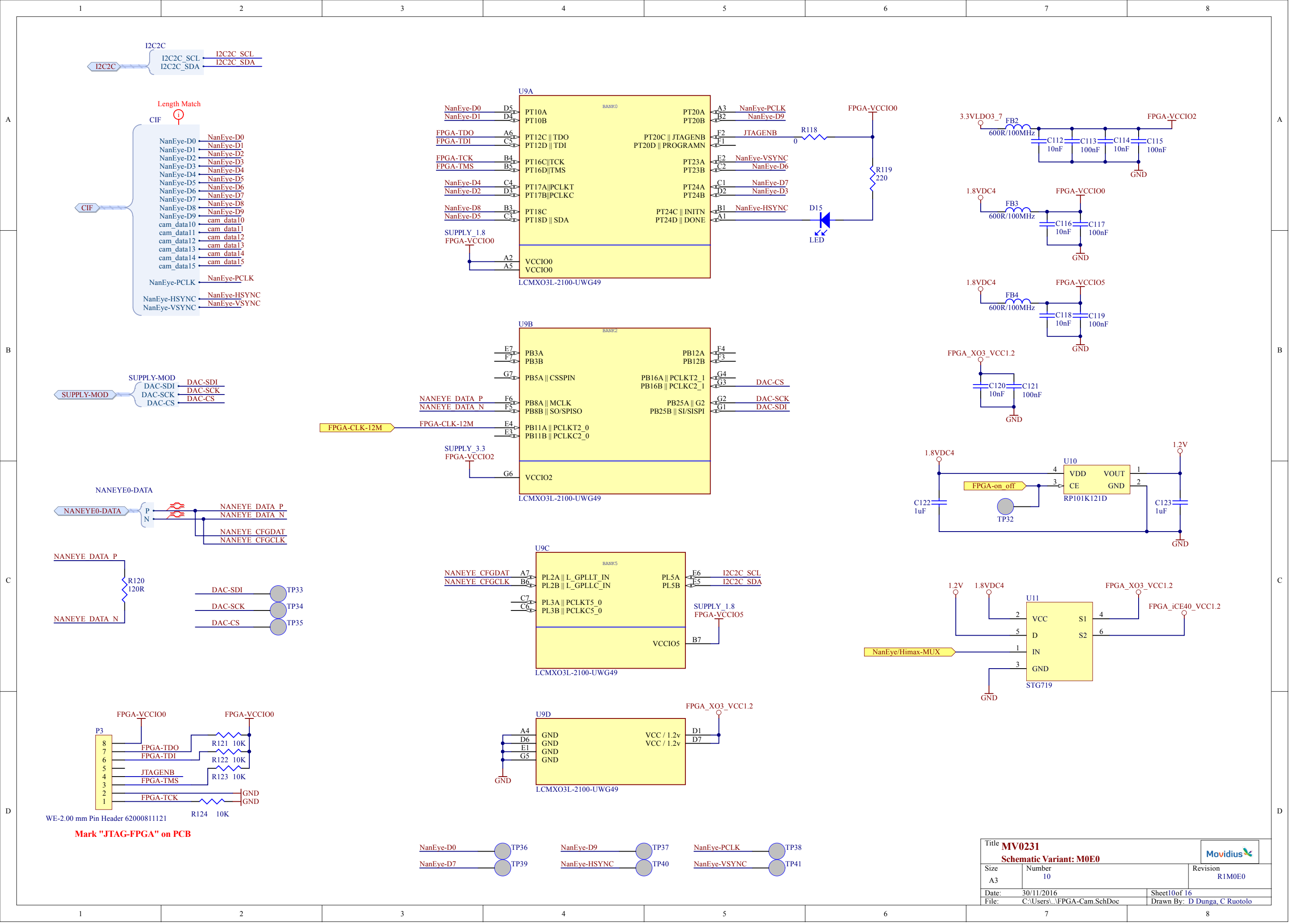


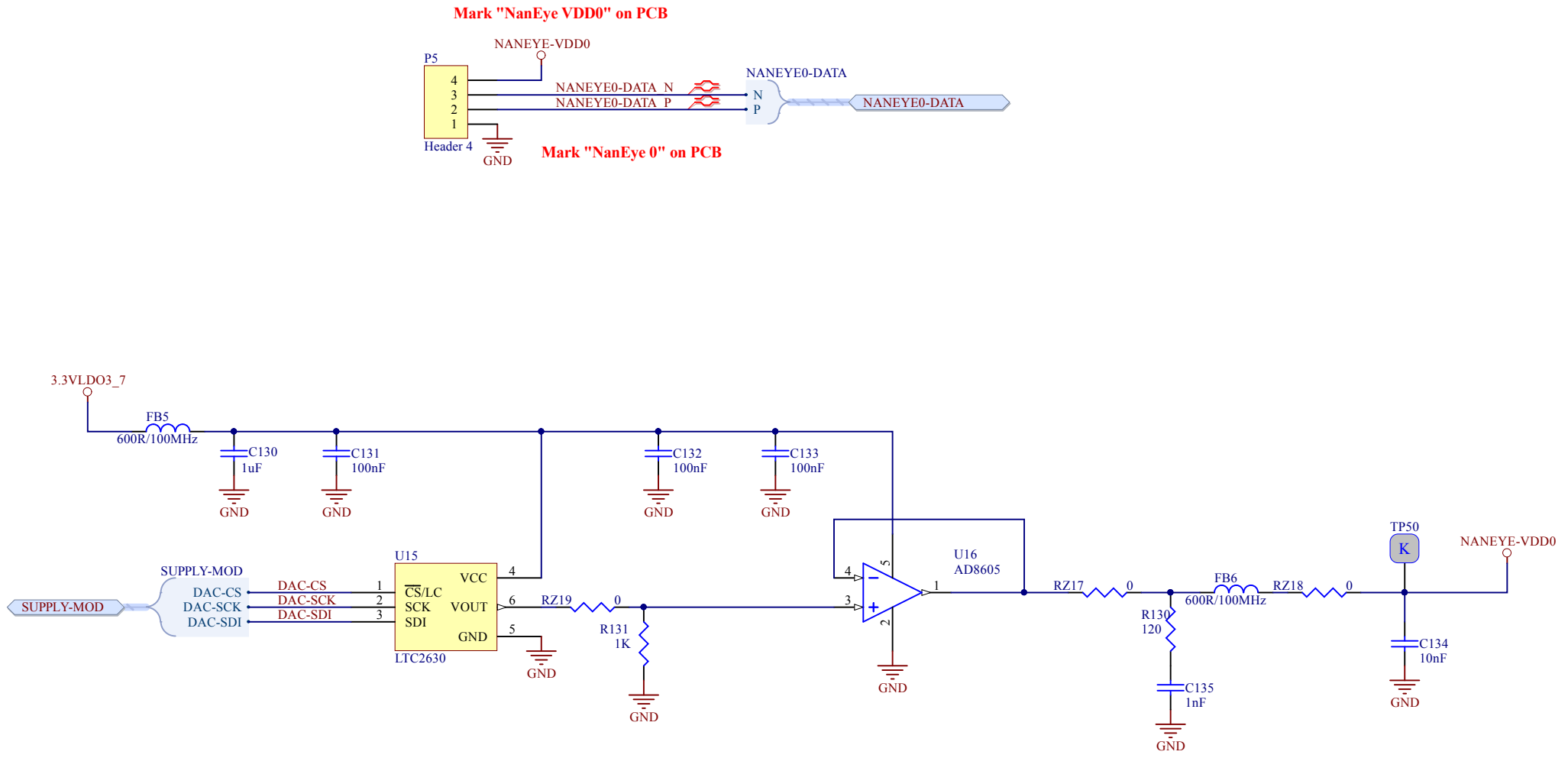






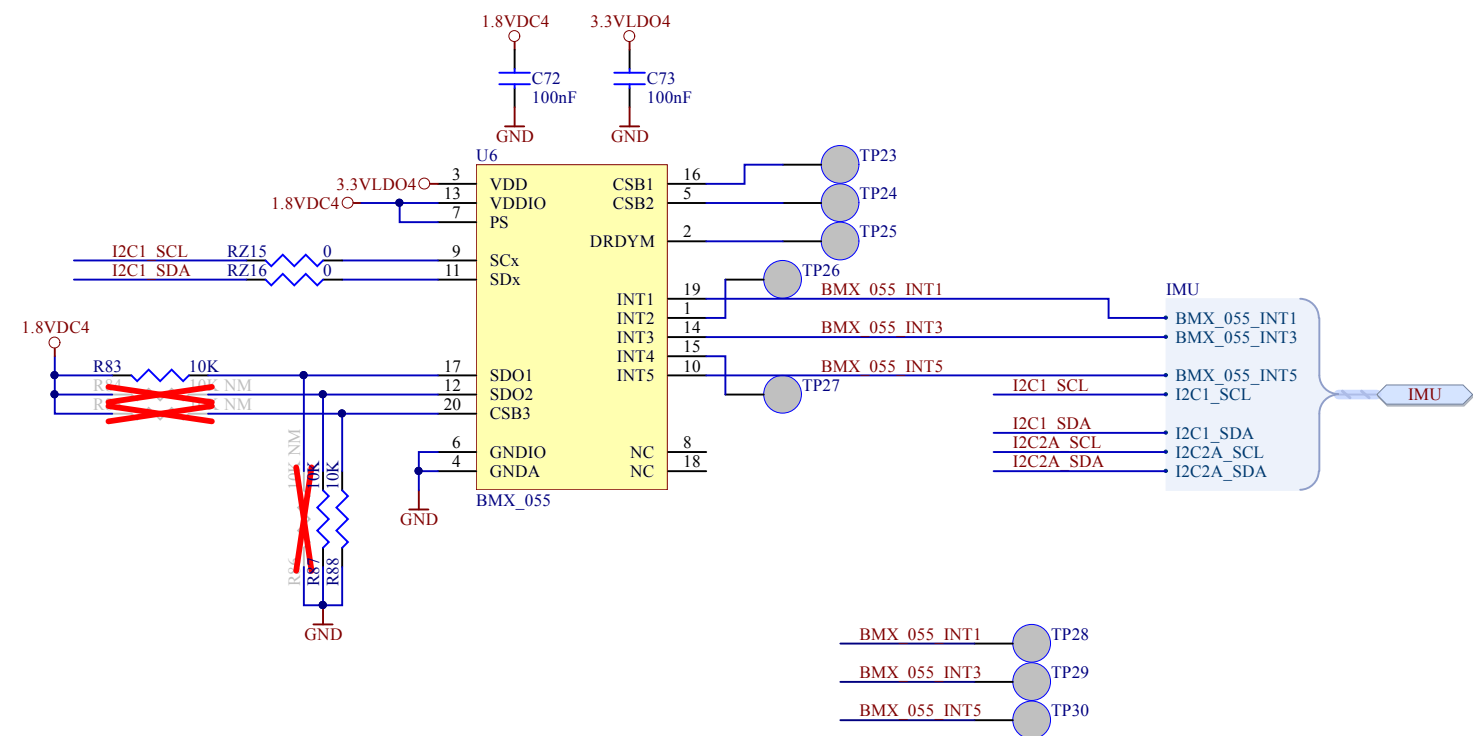




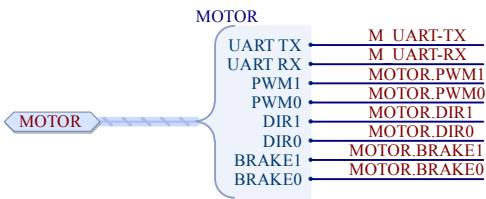




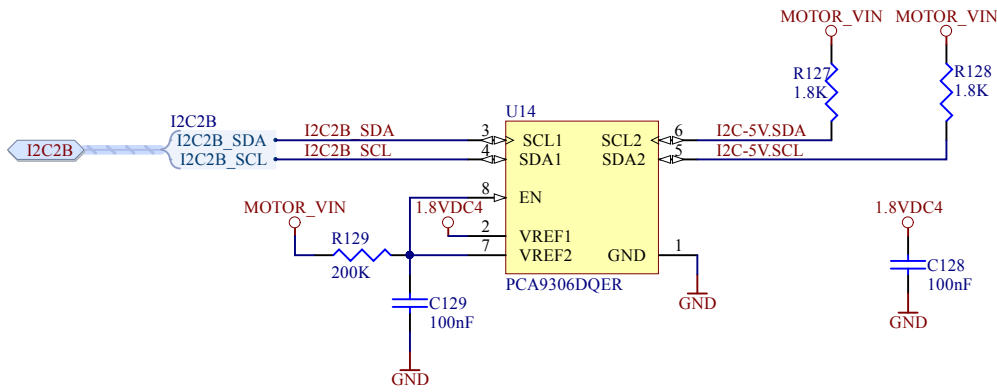
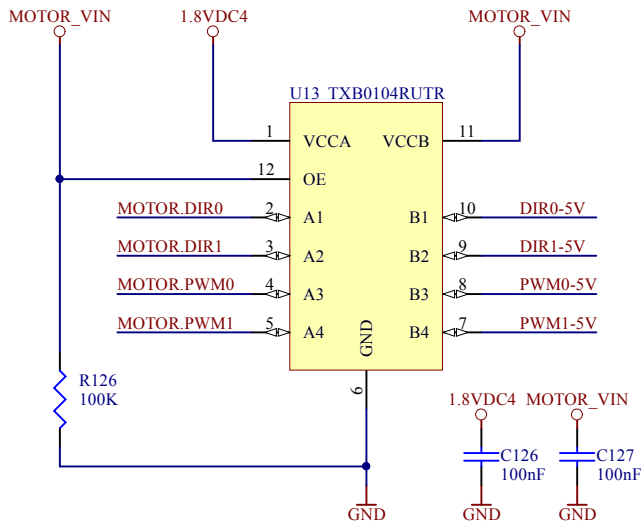
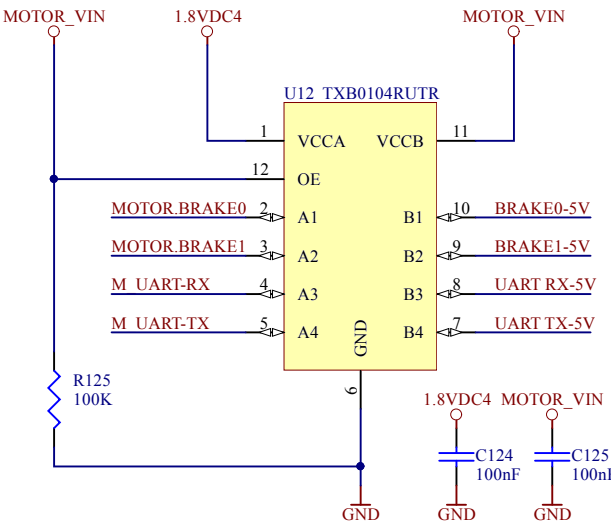
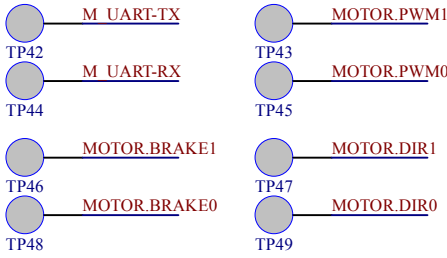
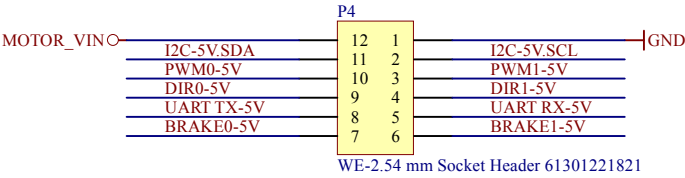
Acc  
7bit address: 0x19 (0x18 optional)  
Gyr  
7bit address: 0x68 (0x69 optional)  
Mag  
7bit address: 0x11 (0x10, 0x12, 0x13)



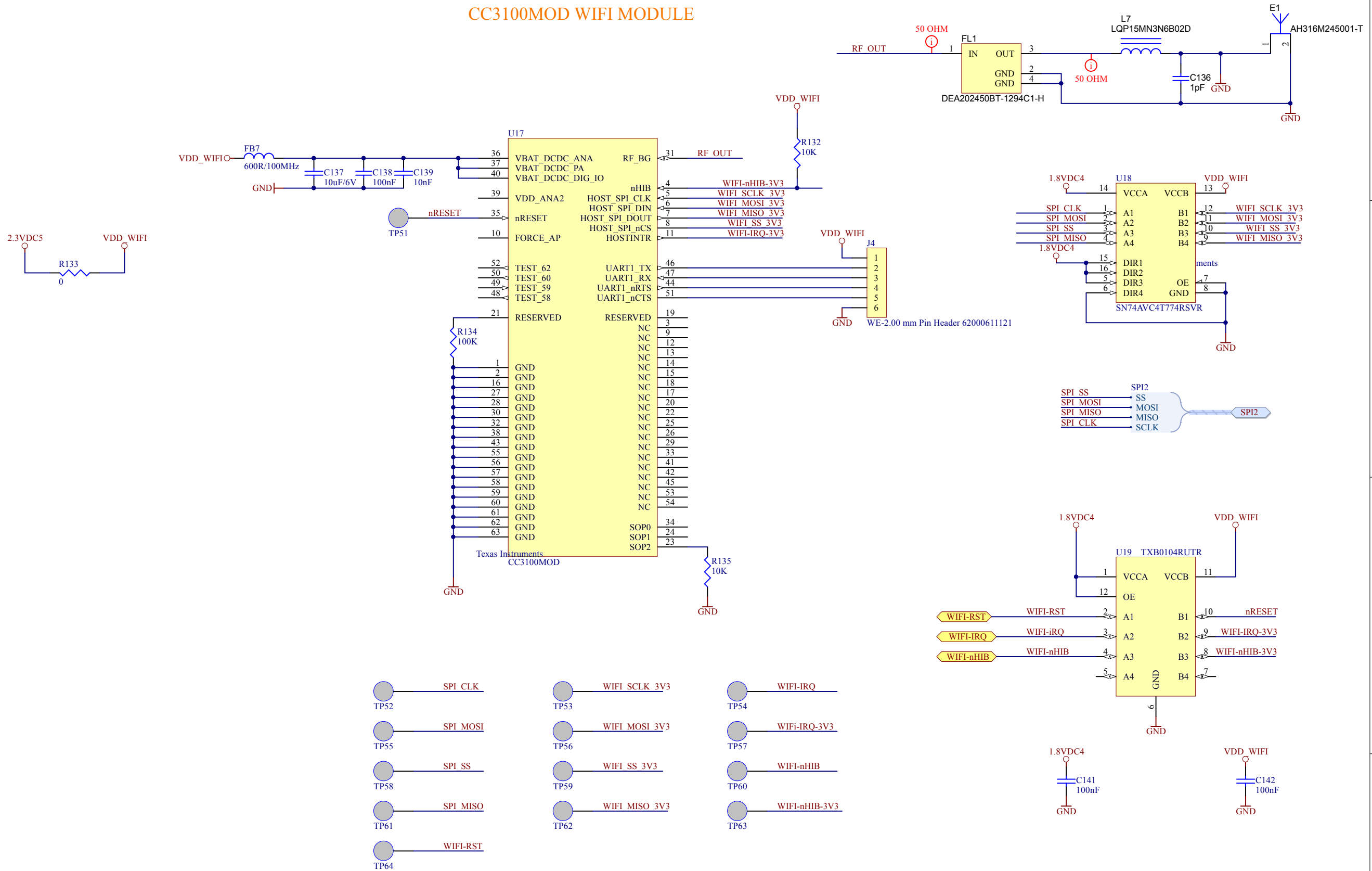
Title			<div>Movidius</div>
<b>MV0231</b> <b>Schematic Variant: M0E0</b>			
Size	Number	Revision	
A3	13	R1M0E0	
Date:	30/11/2016	Sheet 13 of	16
File:	C:\Users\...Sens.SchDoc	Drawn By:	D Dunga, C Ruotolo




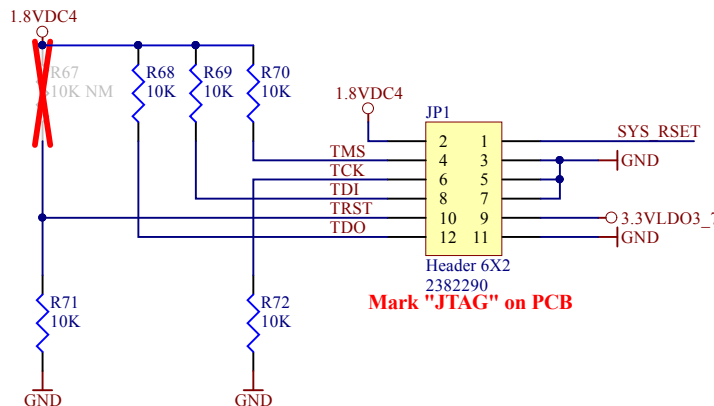
Mark "Motor" on PCB



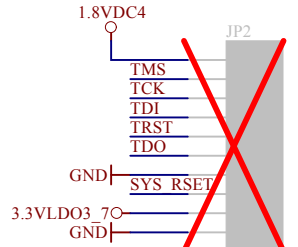
## CC3100MOD WIFI MODULE



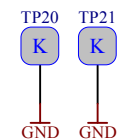
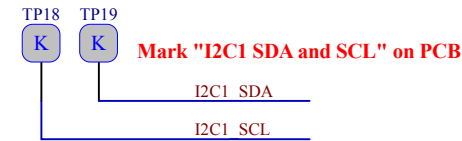
Title		<b>MV0231</b> <b>Schematic Variant: M0E0</b>			
Size	Number	Revision			
A3	15	R1M0E0			
Date:	30/11/2016	Sheet 15 of	16		
File:	C:\Users\...\WiFi.SchDoc	Drawn By:	D Dunga, C Ruotolo		



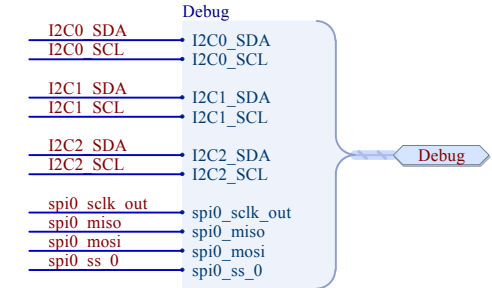
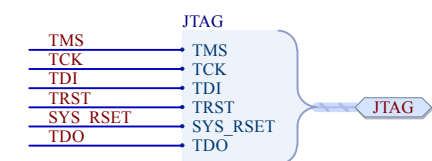
Mark "JTAG" on PCB



Mark "JTAG" on PCB



Mark "GND" on PCB



Function	Source
LED1	RICOH PMIC GPIO0
LED2	RICOH PMIC GPIO1
PB1	RICOH PMIC GPIO2
PB2	RICOH PMIC GPIO3

