

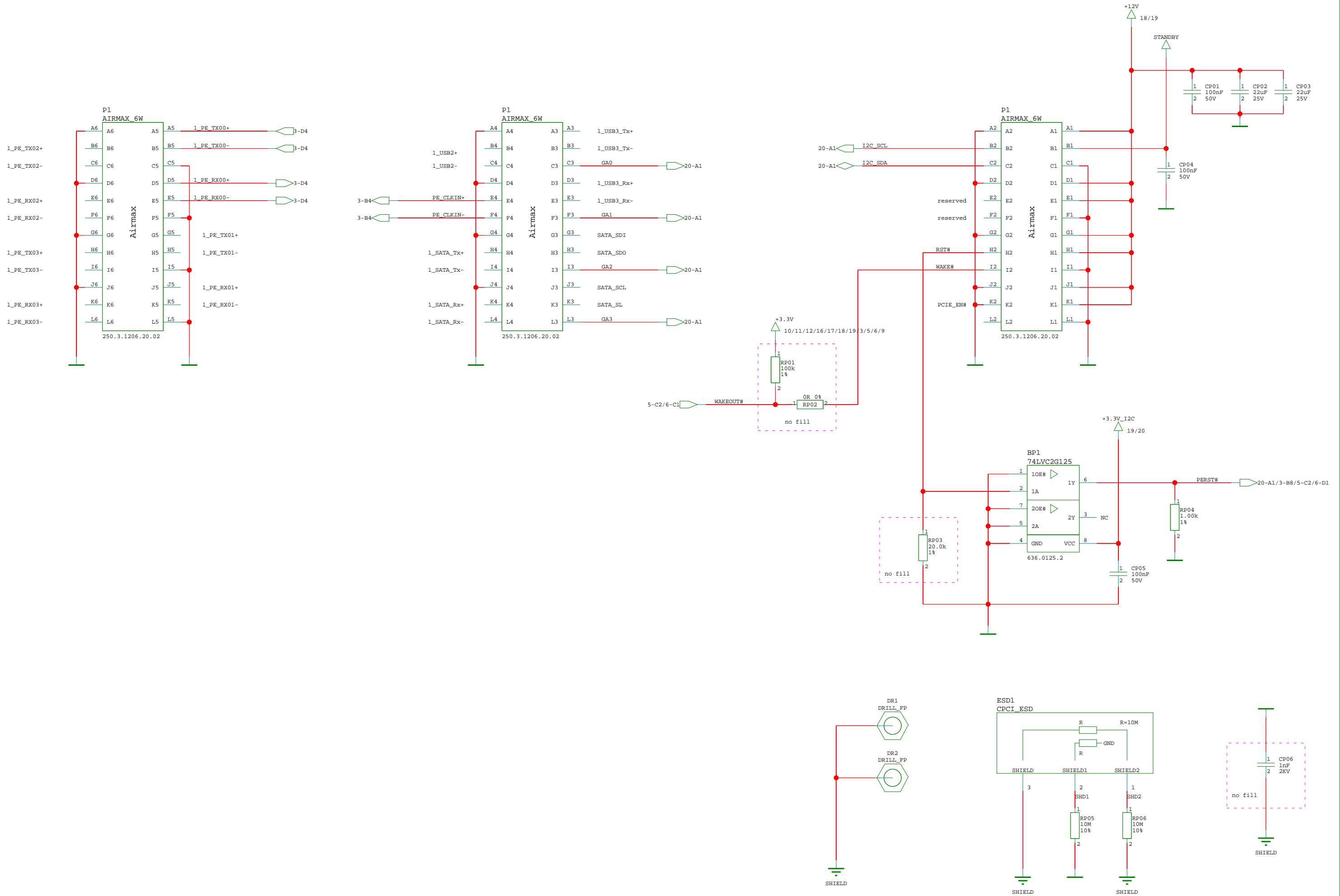
## D

## C

B

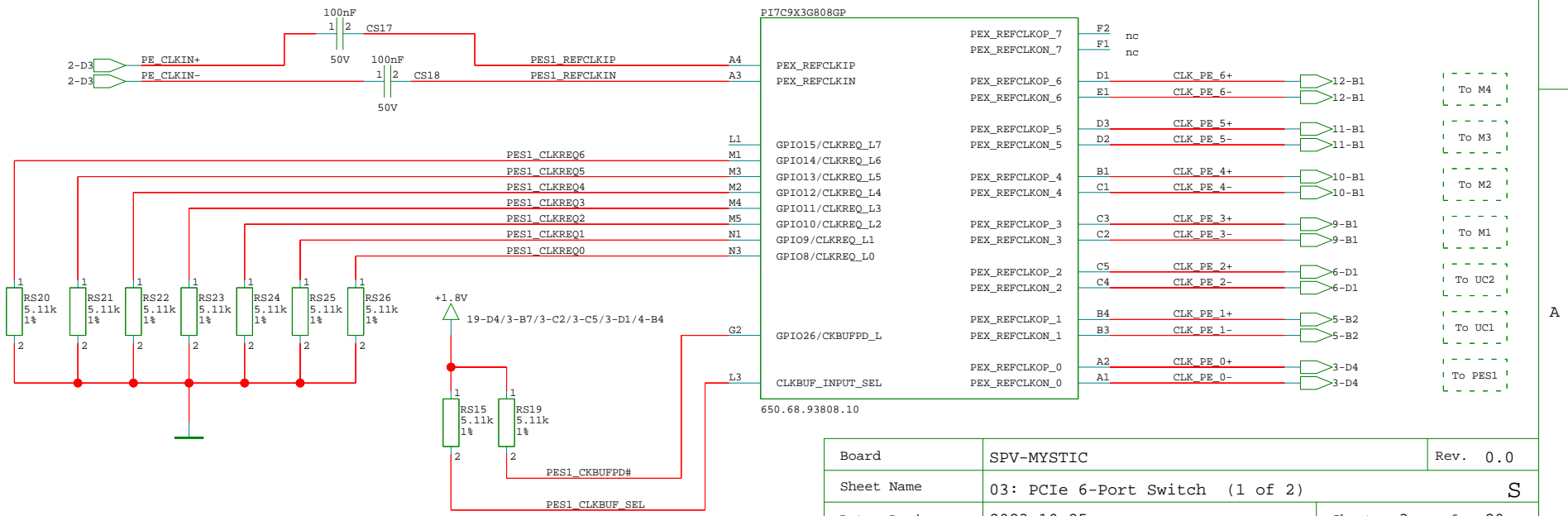
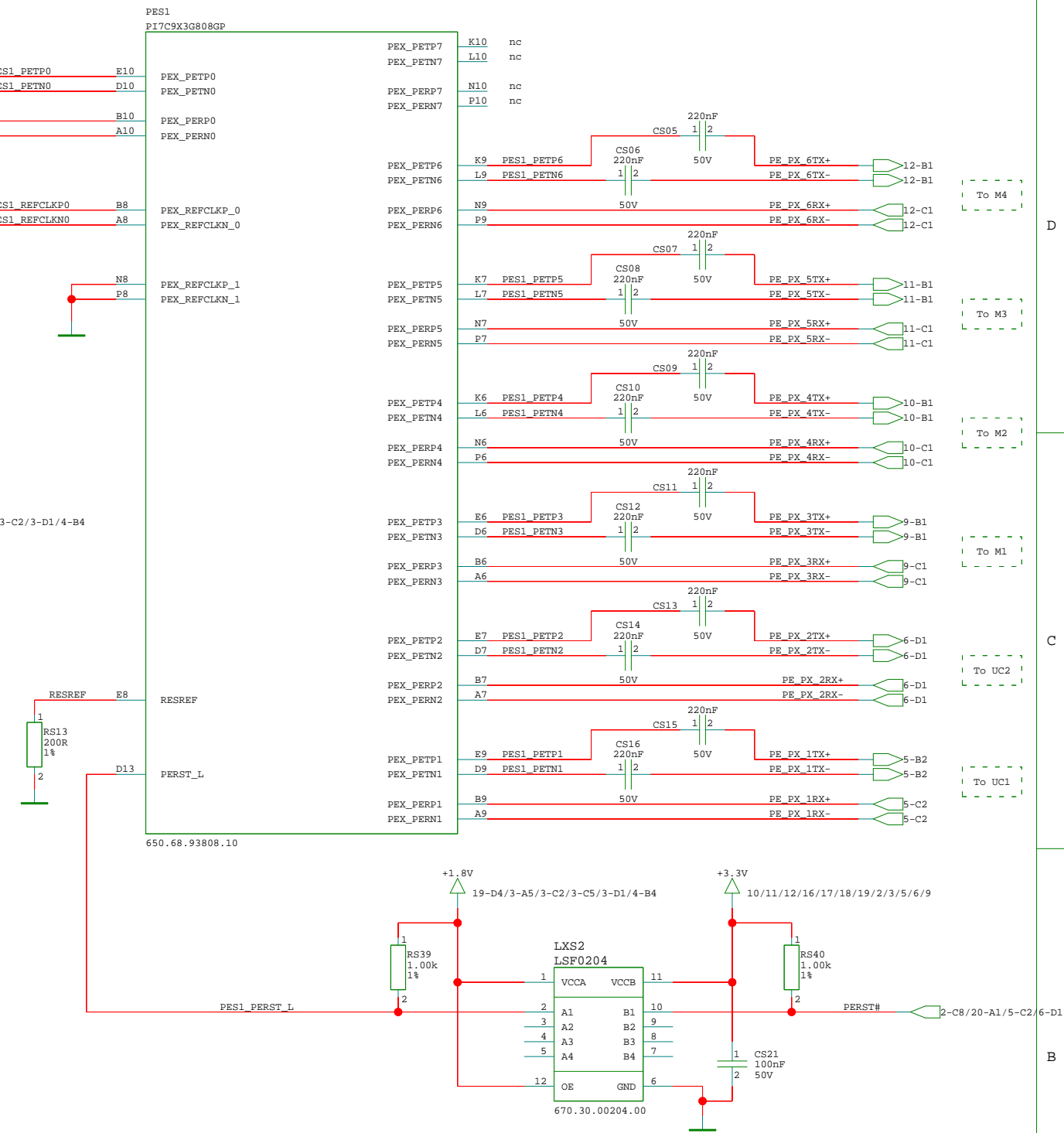
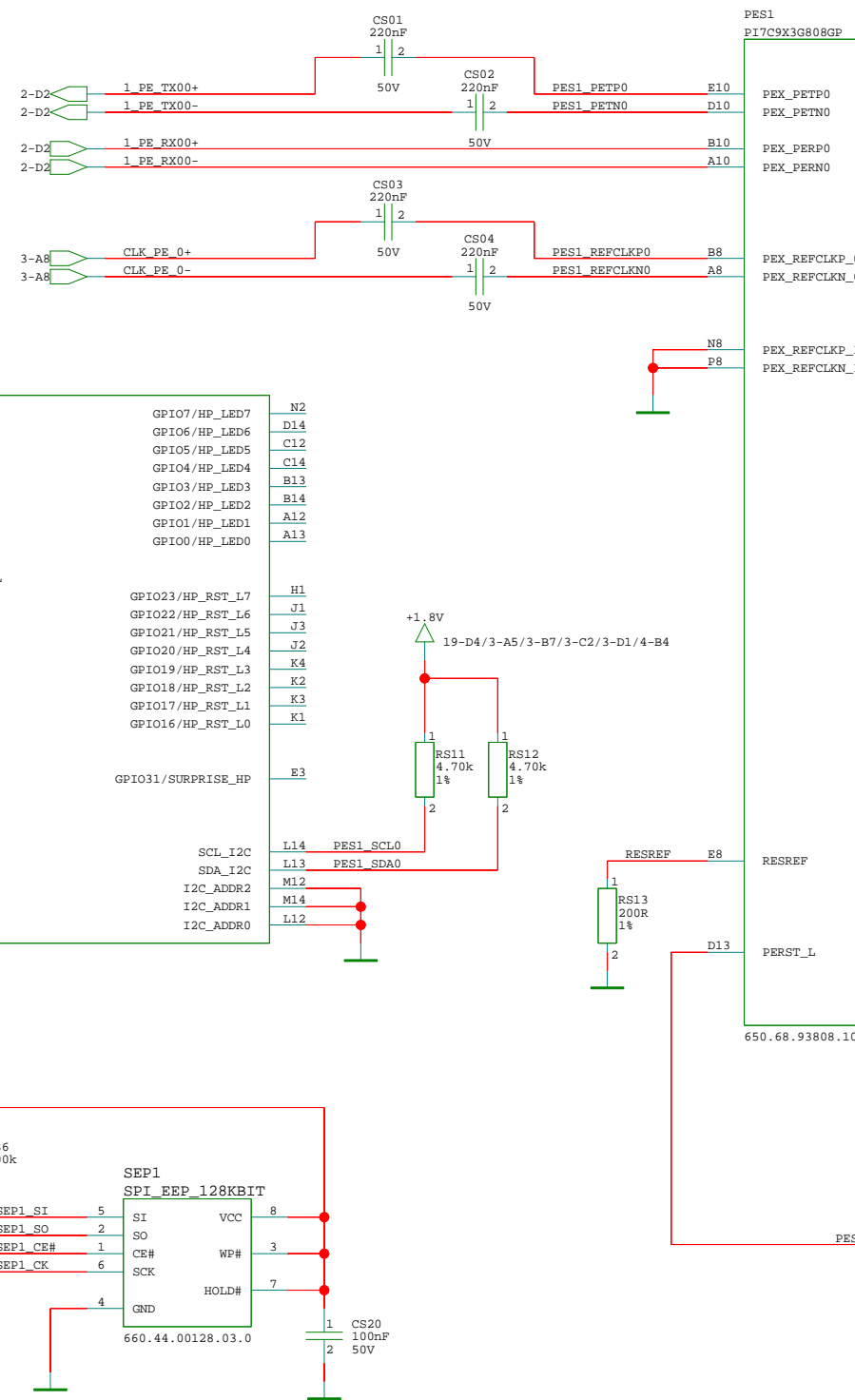
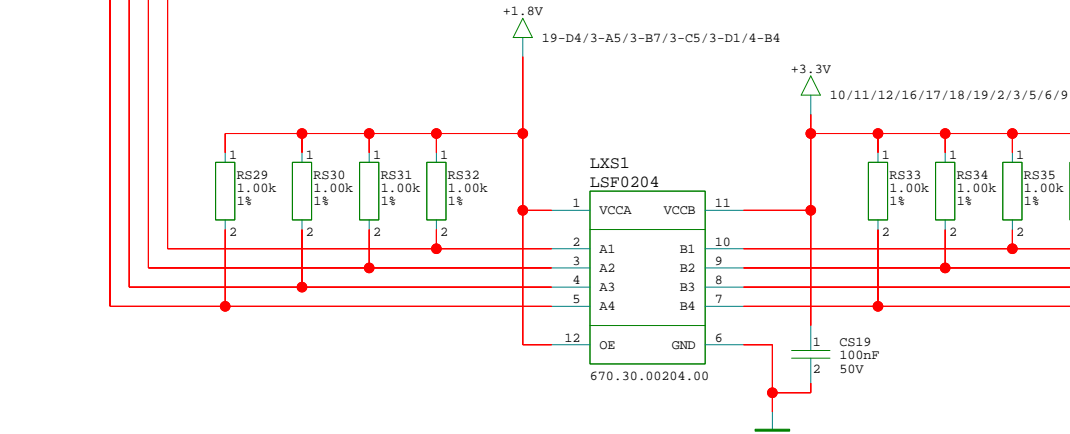
## A

Board	SPV-MYSTIC	Rev.	0.0
Sheet Name	01: Overview		
Date, Design	2024-02-06	am	Sheet 1 of 20

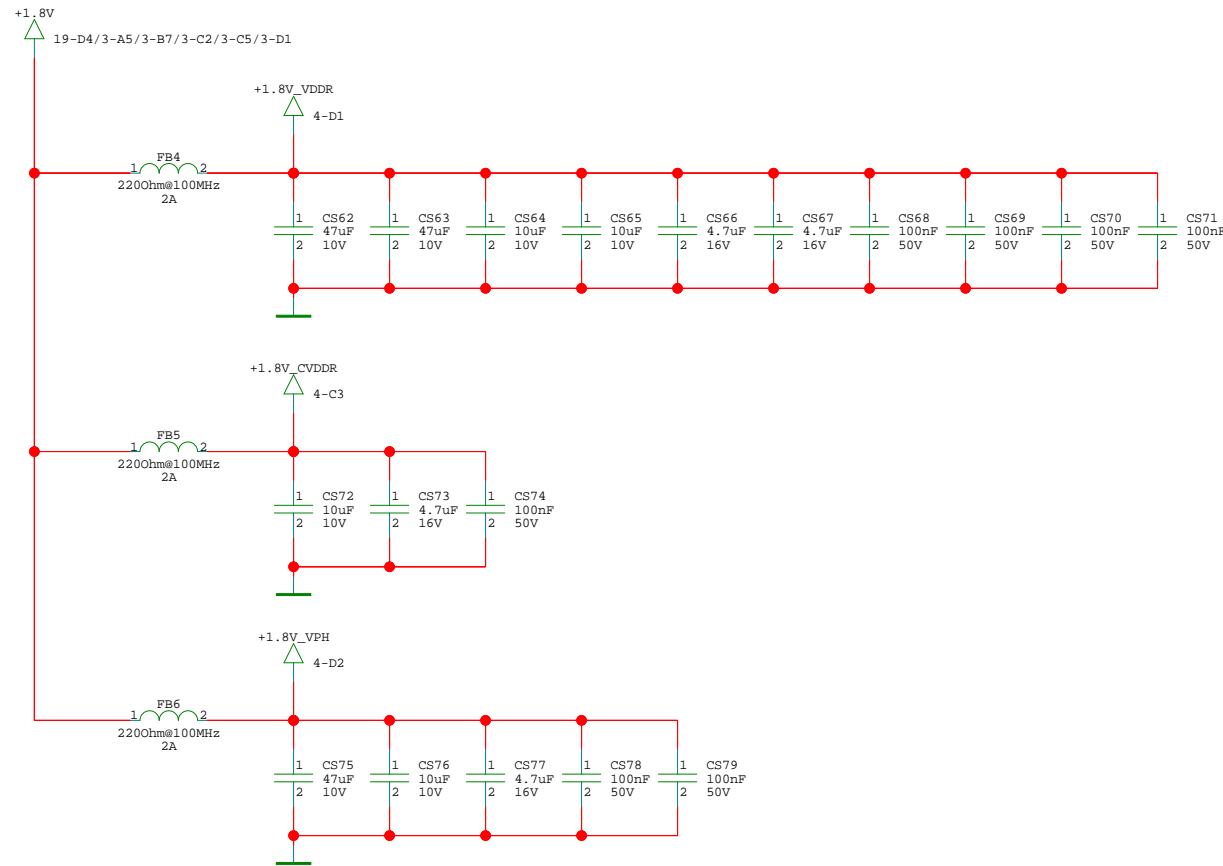
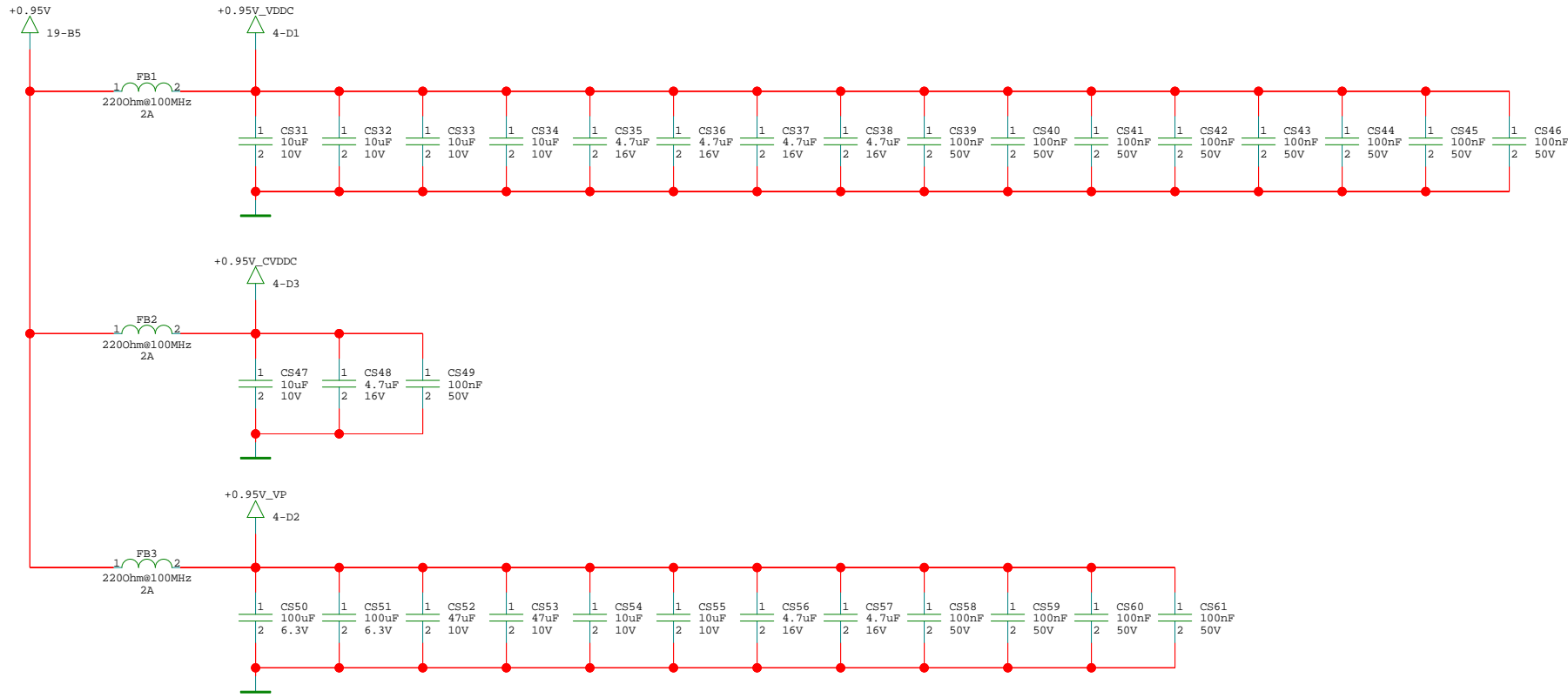
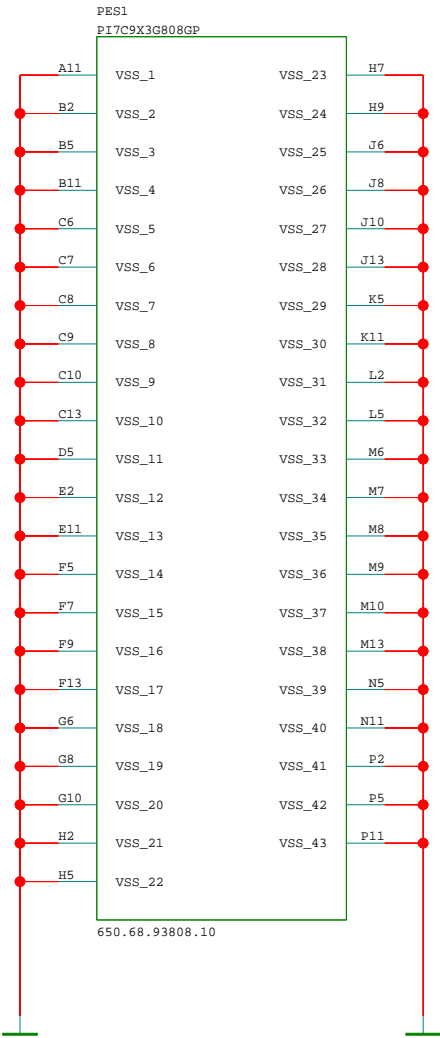
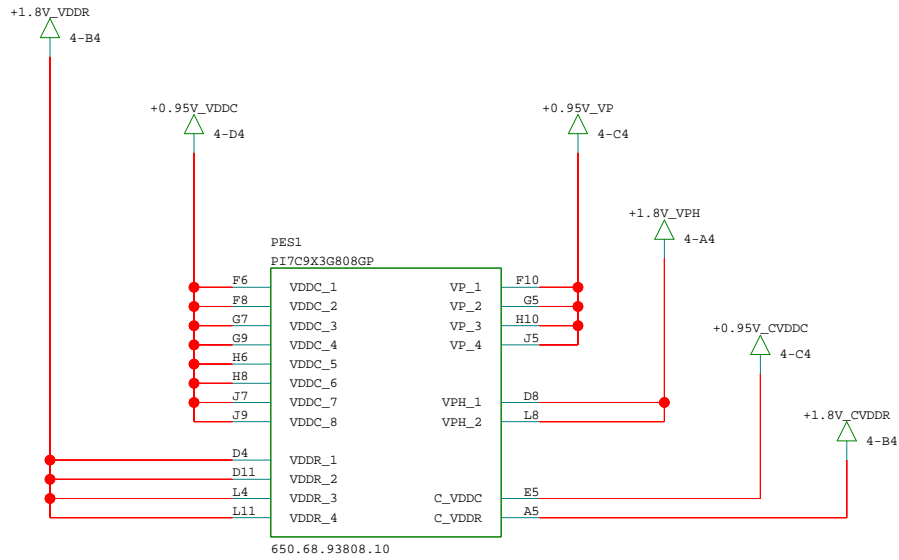


Board	SPV-MYSTIC			Rev.	0.0
Sheet Name	02: Bus Connector P1				P
Date, Design	2023-10-18	am	Sheet	2	of 20

PES1		P17C9X3G808G	
RS10 5.11k 1%	2	nc pd	G11
RS27 5.11k 1%	2	nc pd	F11
		PORTCFG2	D12
		PORTCFG1	C11
		PORTCFG0	B12
		nc pd	E12
		nc pu	G4
RS28 5.11k 1%	1	PES1_SRAMPB	E4
	2	nc pu	K8
		INTA_L	H4
		PES1_SCL1	P4
		PES1_SDA1	P3
		PES1_SHPCINT#	P1
		PES1_EECK	K13
		PES1_EEDI	K12
		PES1_EEDO	J14
		PES1_EECS#	K14



Board	SPV-MYSTIC	Rev.	0.0
Sheet Name	03: PCIe 6-Port Switch (1 of 2)		S
Date, Design	2023-10-25	am	Sheet 3 of 20



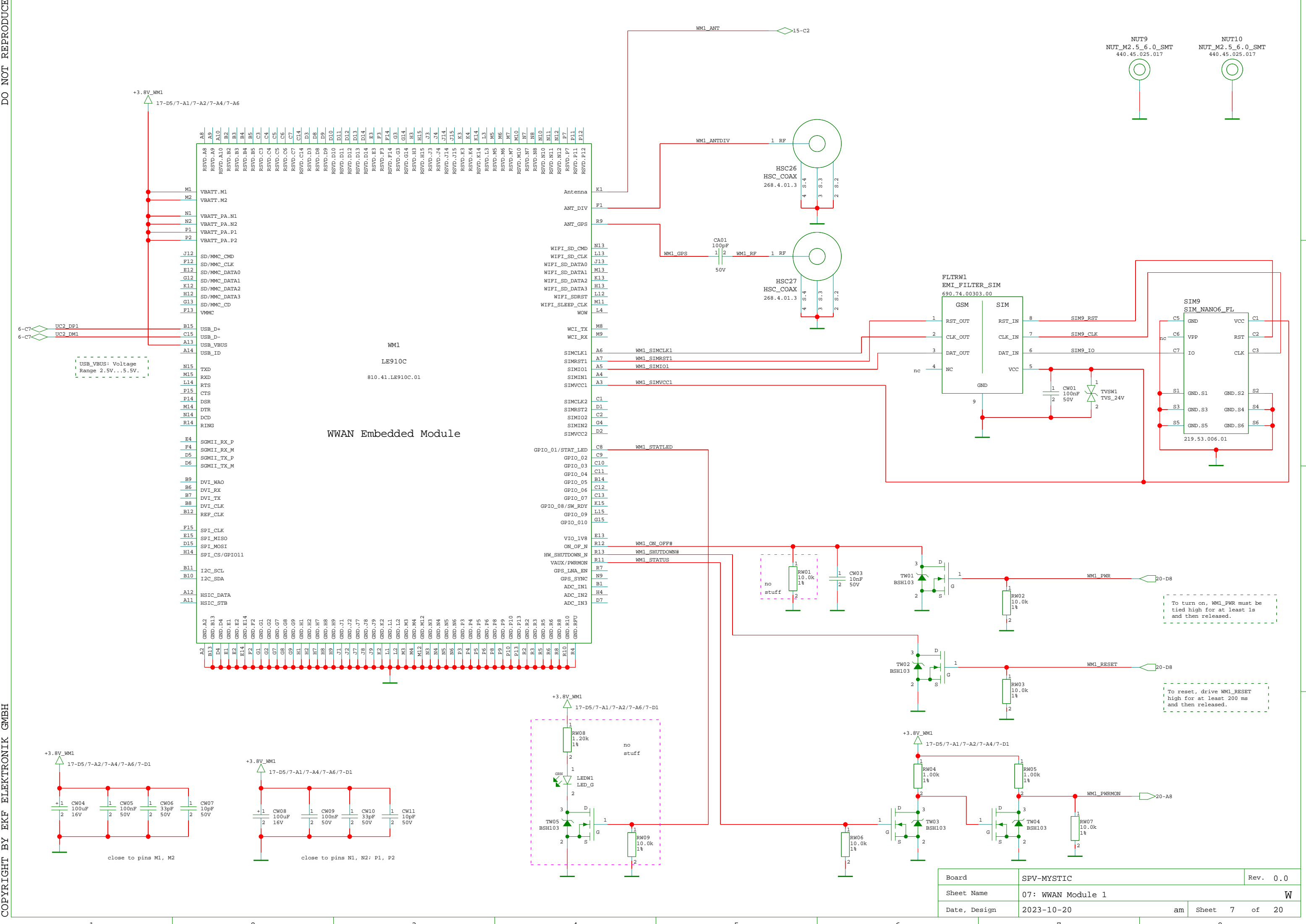
Board	SPV-MYSTIC		Rev.	0.0	
Sheet Name	04: PCIe 6-Port Switch (2 of 2)			S	
Date, Design	2023-10-19	am	Sheet	4	of 20



Board	SPV-MYSTIC			Rev.	0.0
Sheet Name	05: Four Port USB3.0 Host Controller				U
Date, Design	2023-10-18	am	Sheet	5	of 20

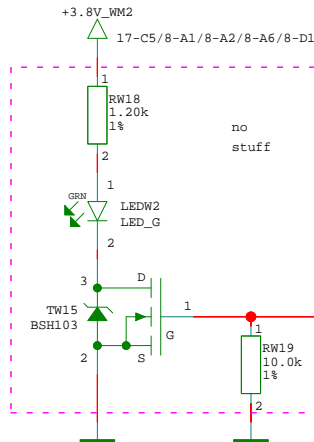
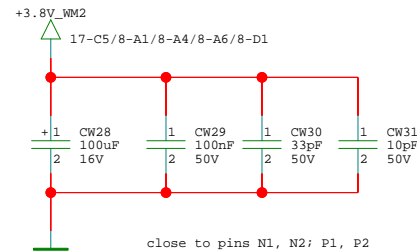
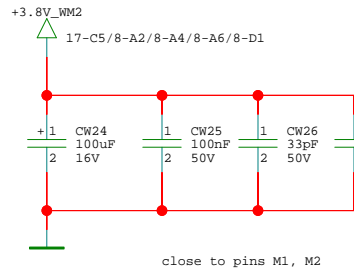
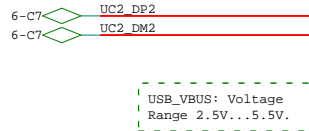


Board	SPV-MYSTIC		Rev. 0.0
Sheet Name	06: Two Port USB3.0 Host Controller		B
Date, Design	2023-10-18	am	Sheet 6 of 20



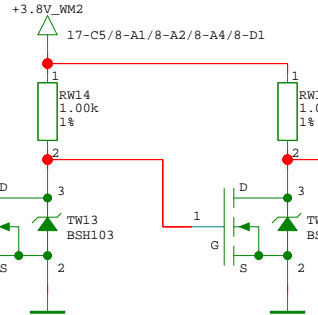
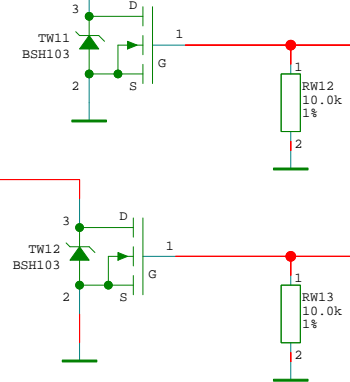
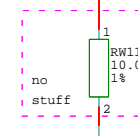
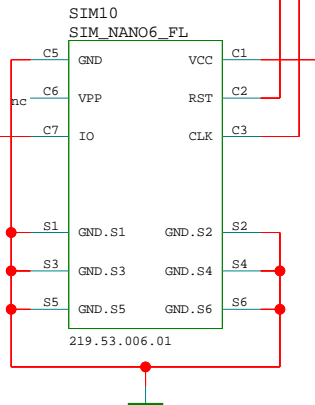
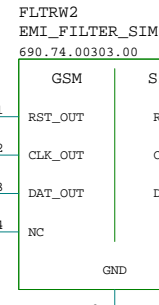
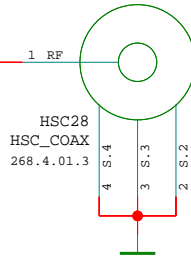
Board	SPV-MYSTIC		Rev.	0.0
Sheet Name	07: WWAN Module 1		W	
Date, Design	2023-10-20	am	Sheet 7 of 20	

+3.8V\_WM2  
17-C5/8-A1/8-A2/8-A4/8-A6



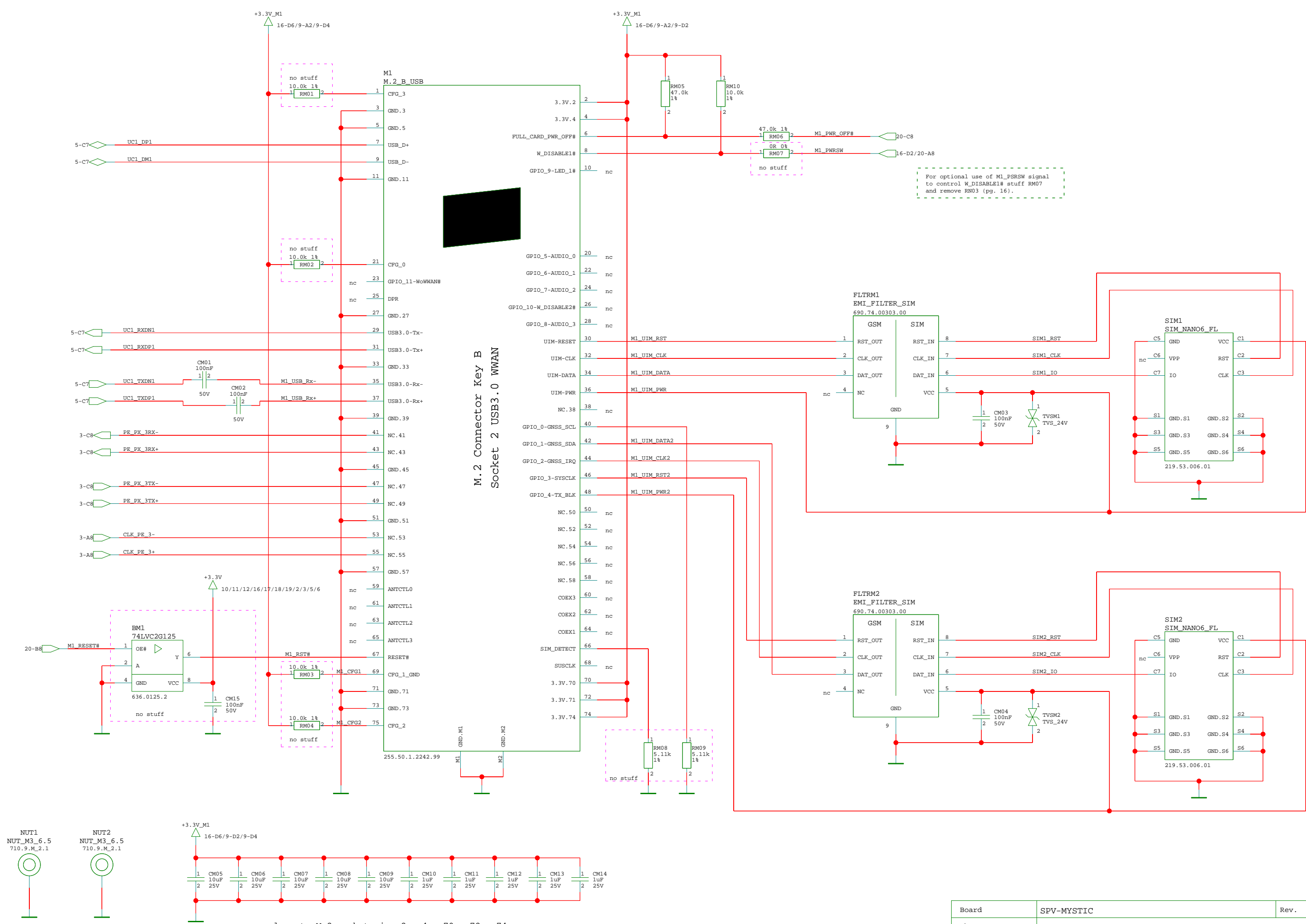
WM2\_ANT 15-C2

WM2\_ANTDIV 1 RF

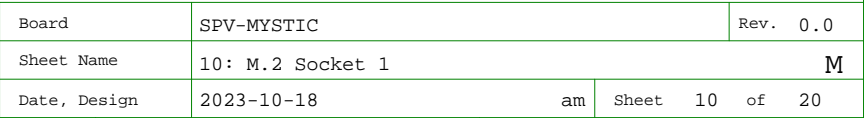


Board	SPV-MYSTIC	Rev.	0.0
Sheet Name	08: WWAN Module 2		W
Date, Design	2023-10-20	am	Sheet 8 of 20





Board	SPV-MYSTIC		Rev.	0.0
Sheet Name	09: M.2 Socket 1		M	
Date, Design	2023-10-18	am	Sheet 9 of 20	

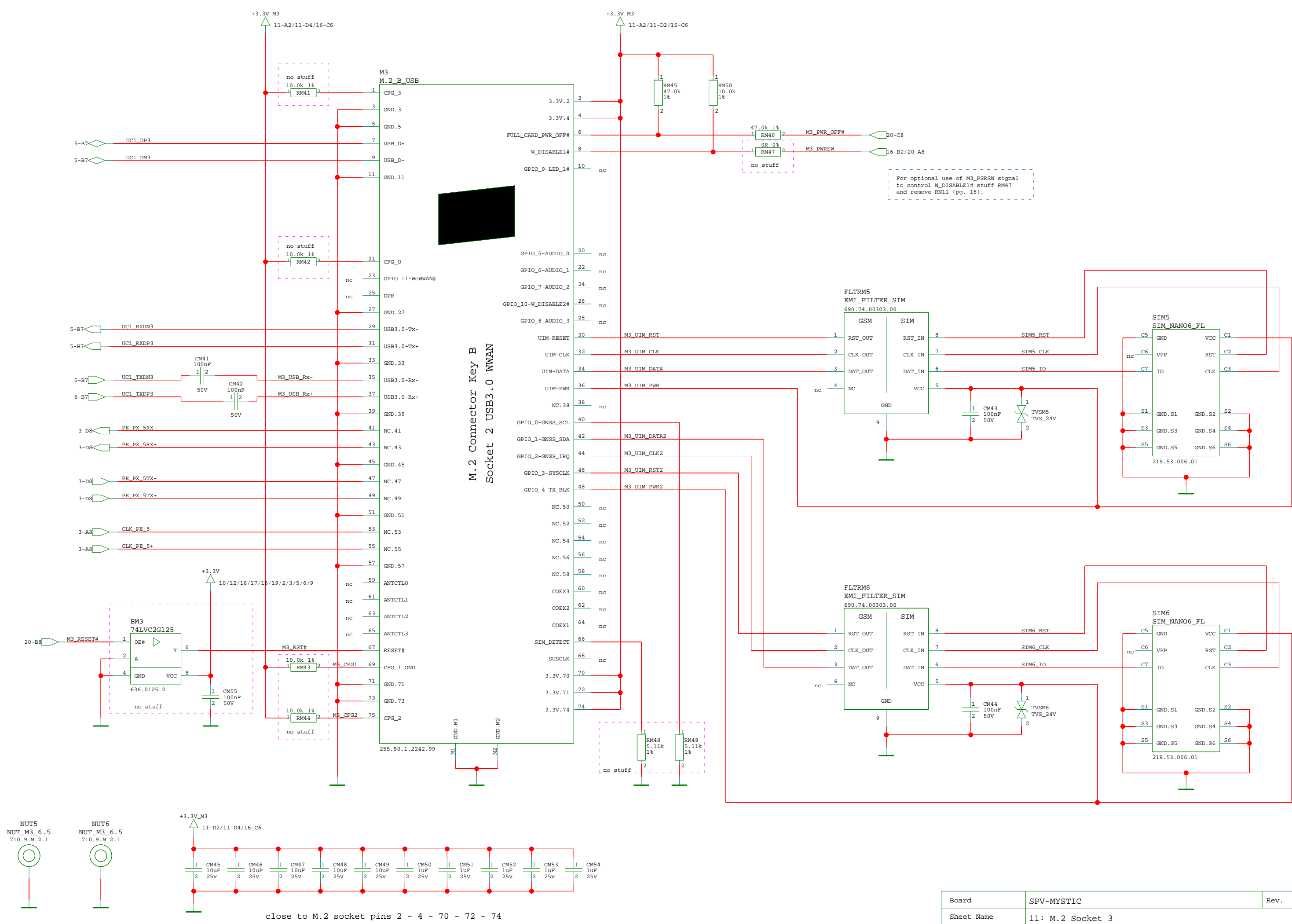


D

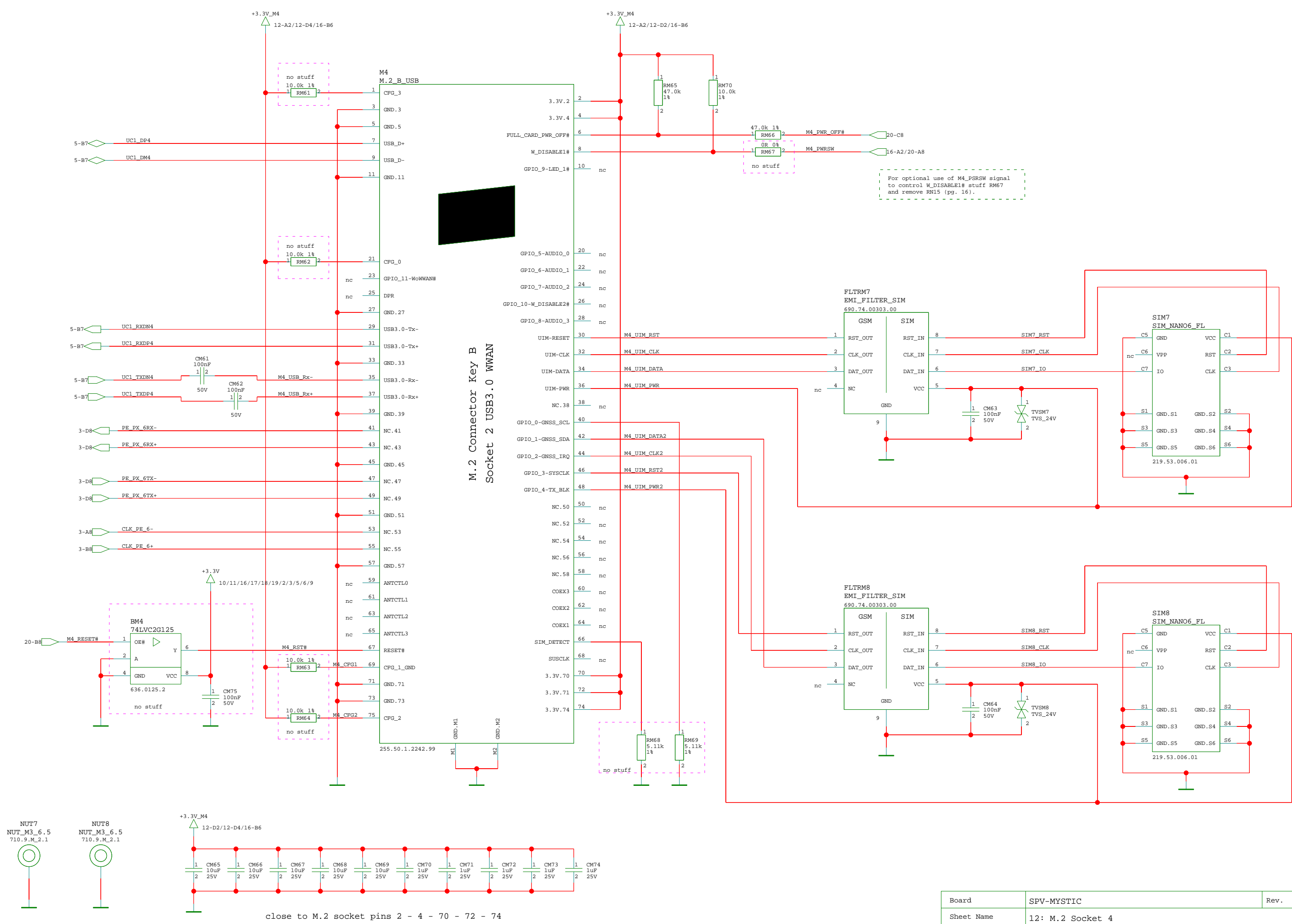
C

B

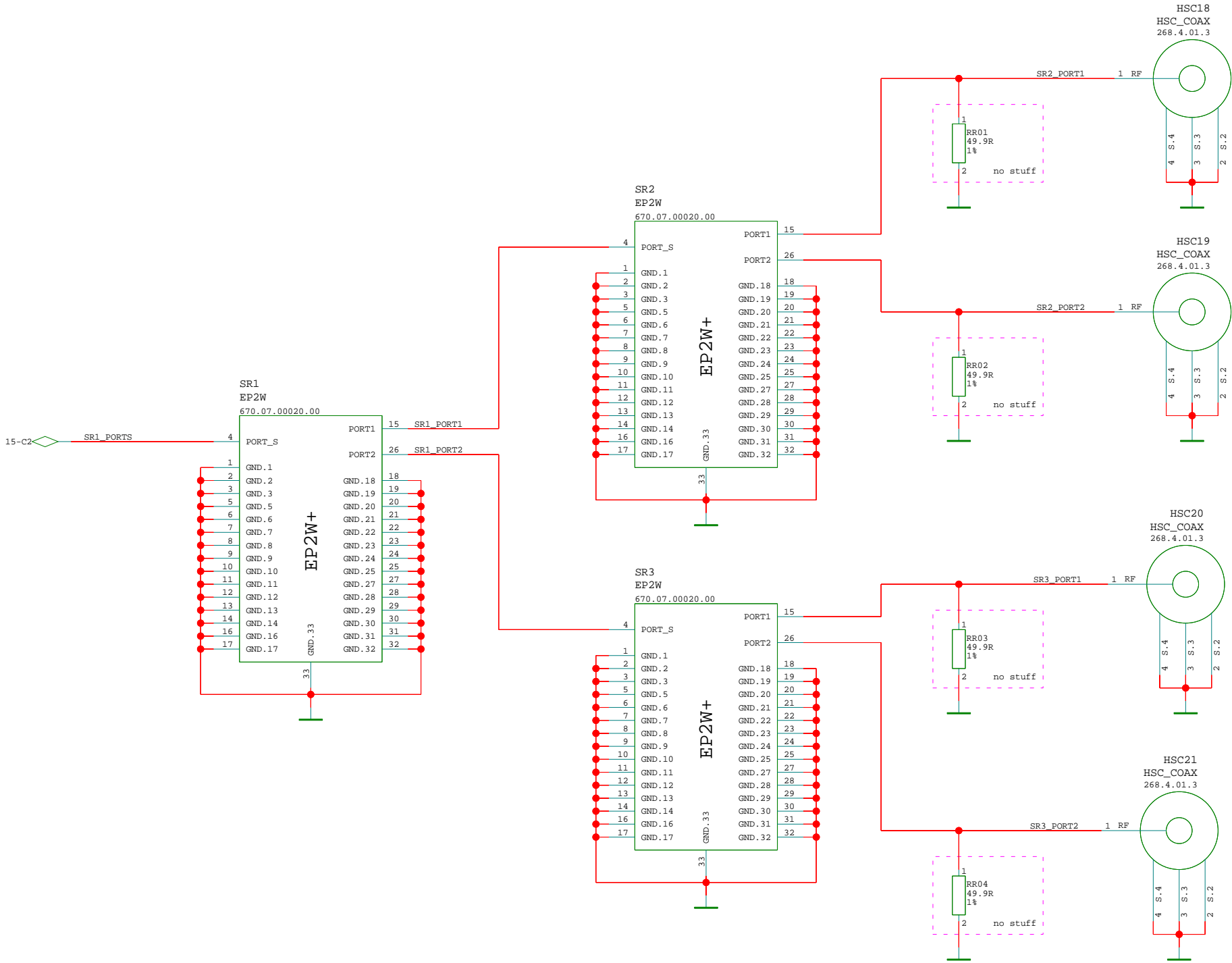
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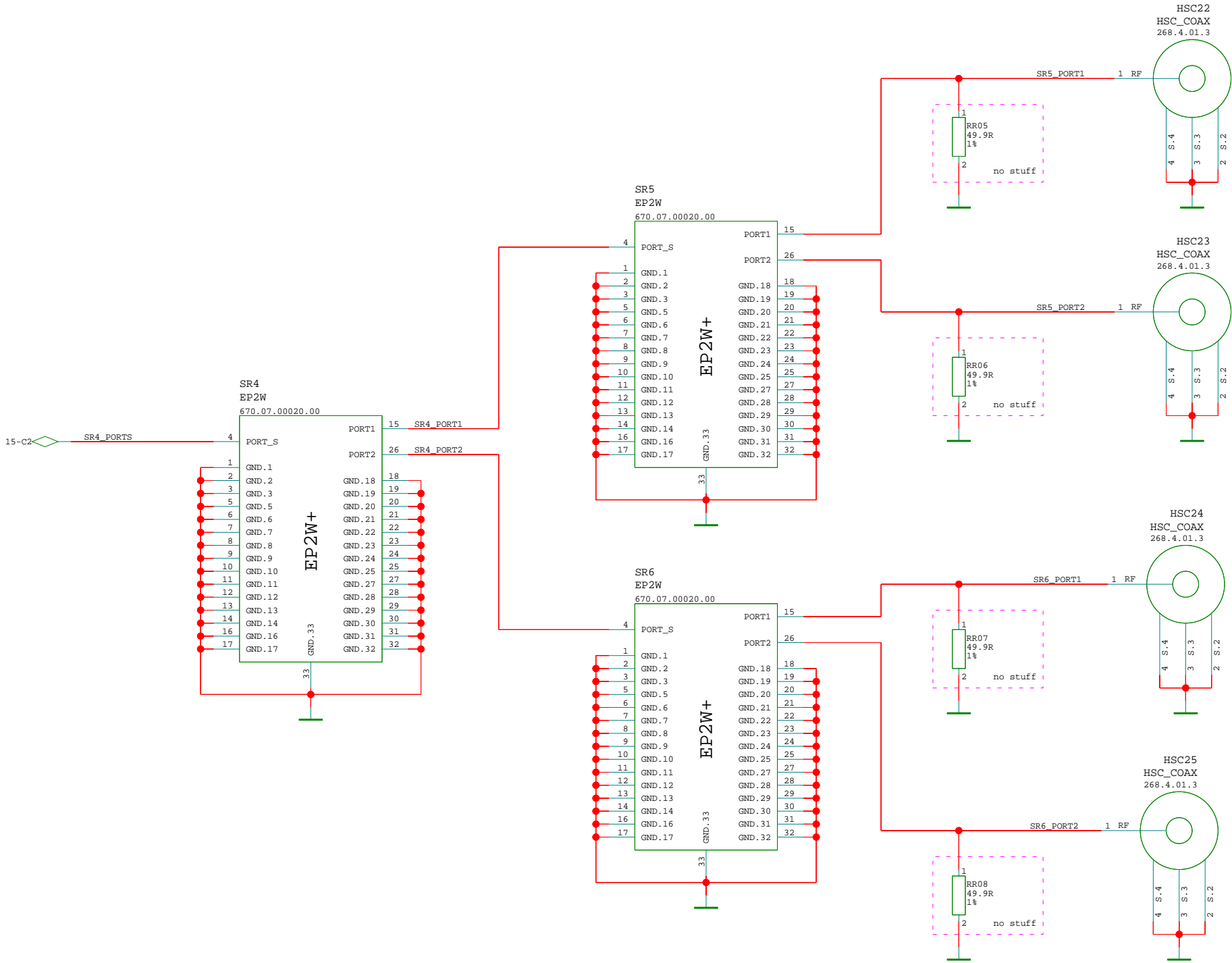
Board	SPV-MYSTIC		Rev.	0.0
Sheet Name	11: M.2 Socket 3		M	
Date, Design	2023-10-18	am	Sheet 11 of 20	



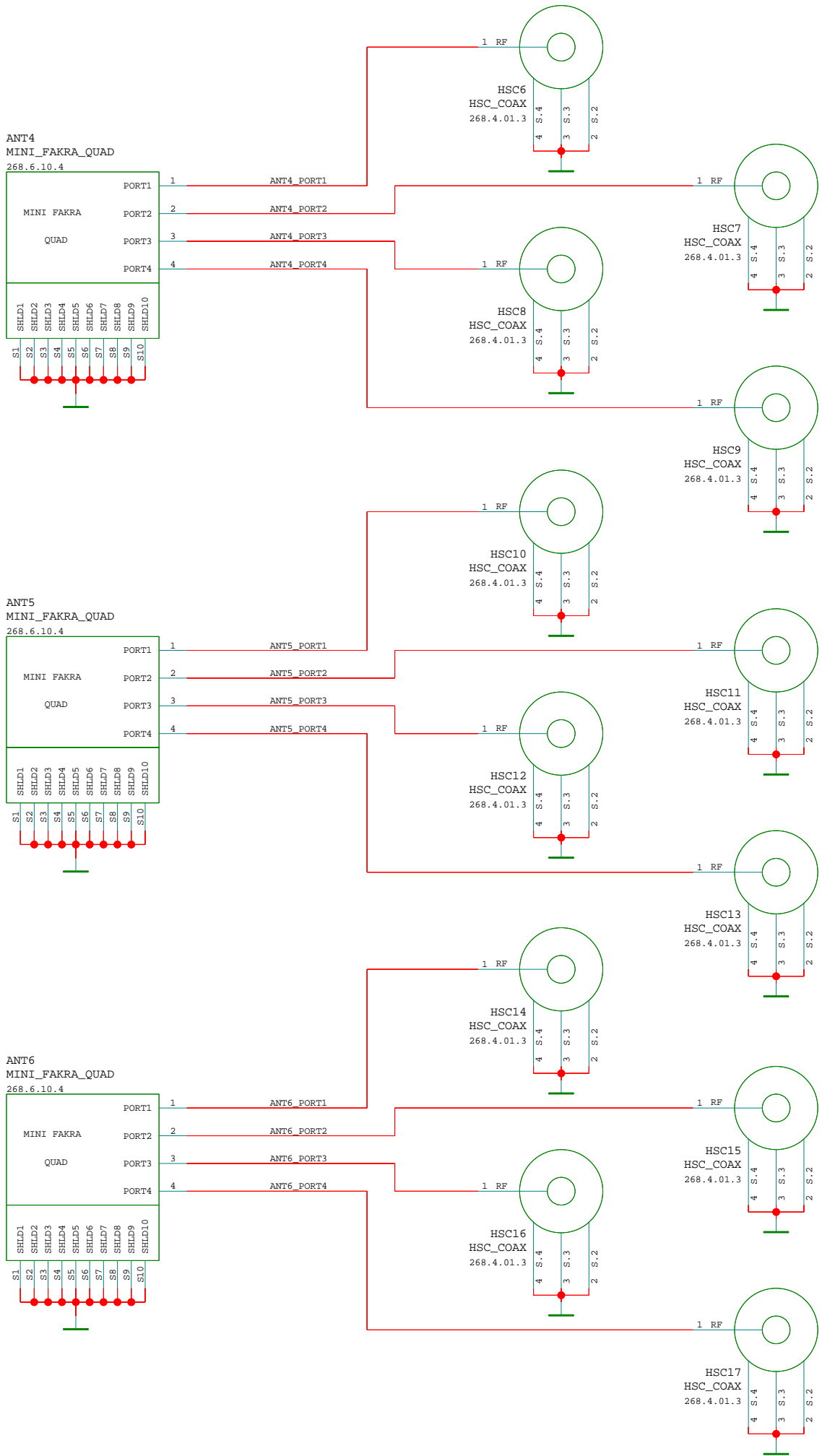
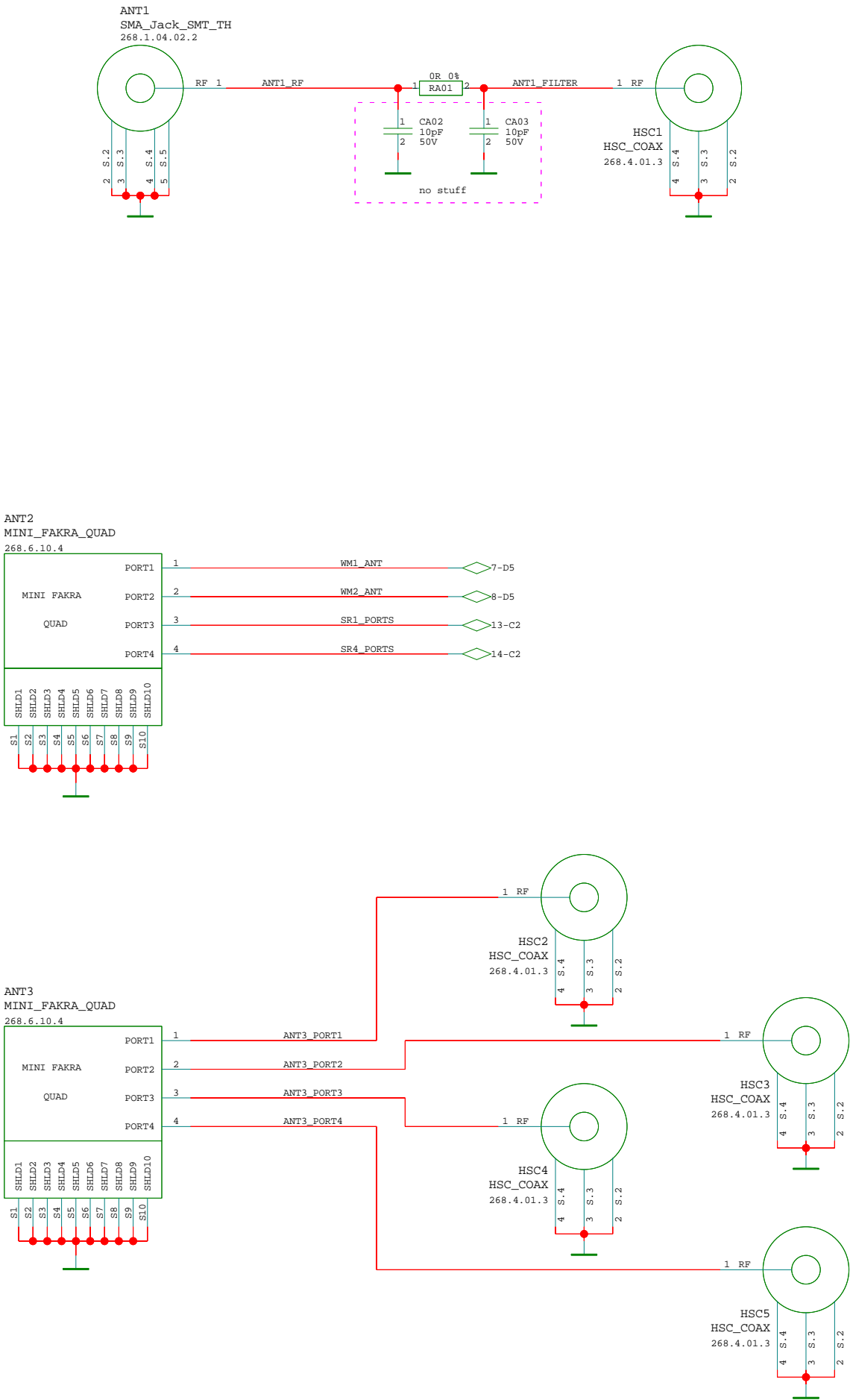
Board	SPV-MYSTIC	Rev.	0.0
Sheet Name	12: M.2 Socket 4	M	
Date, Design	2023-10-18	am	Sheet 12 of 20



Board	SPV-MYSTIC			Rev.	0.0
Sheet Name	13: RF Combiner 1			R	
Date, Design	2023-10-18	am	Sheet 13 of 20		



Board	SPV-MYSTIC			Rev.	0.0
Sheet Name	14: RF Combiner 2			R	
Date, Design	2023-10-18	am	Sheet 14 of 20		



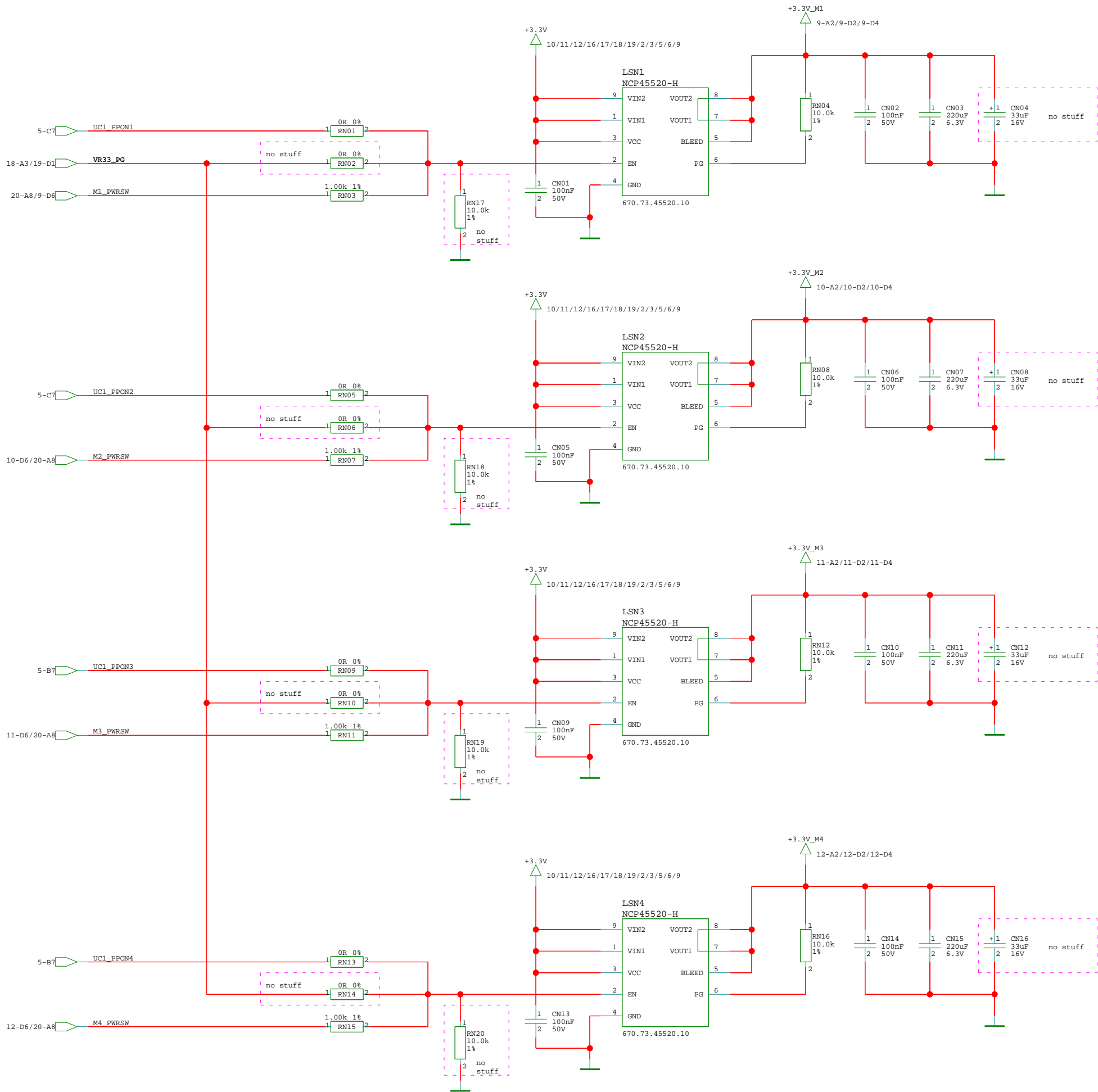
Board	SPV-MYSTIC		Rev.	0.0
Sheet Name	15: F/P Antenna Connectors		A	
Date, Design	2023-10-23	am	Sheet 15 of 20	

D

C

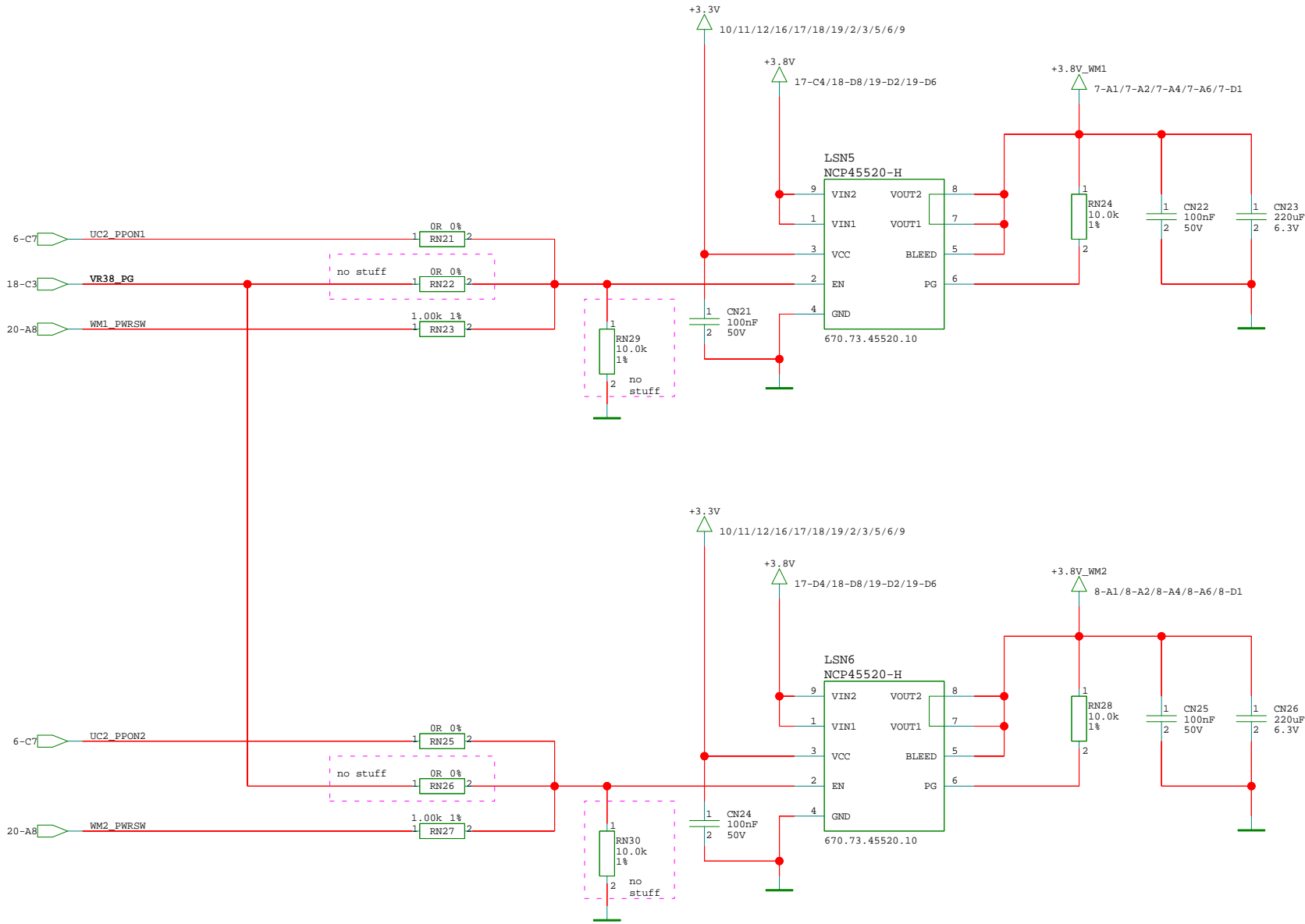
B

A

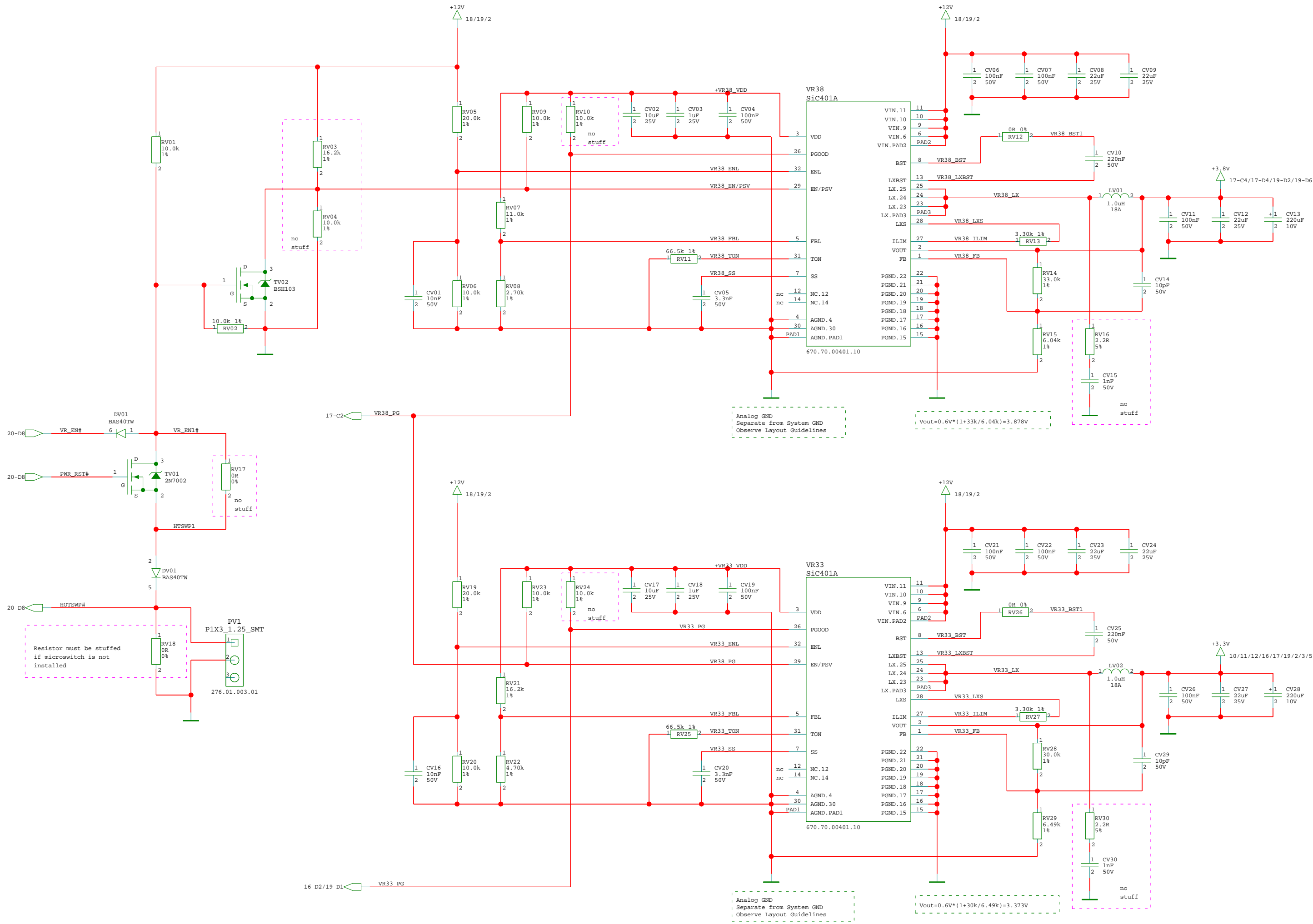


Board	SPV-MYSTIC		Rev.	0.0
Sheet Name	16: Power Switches - M.2 Sockets		N	
Date, Design	2023-10-23	am	Sheet	16 of 20

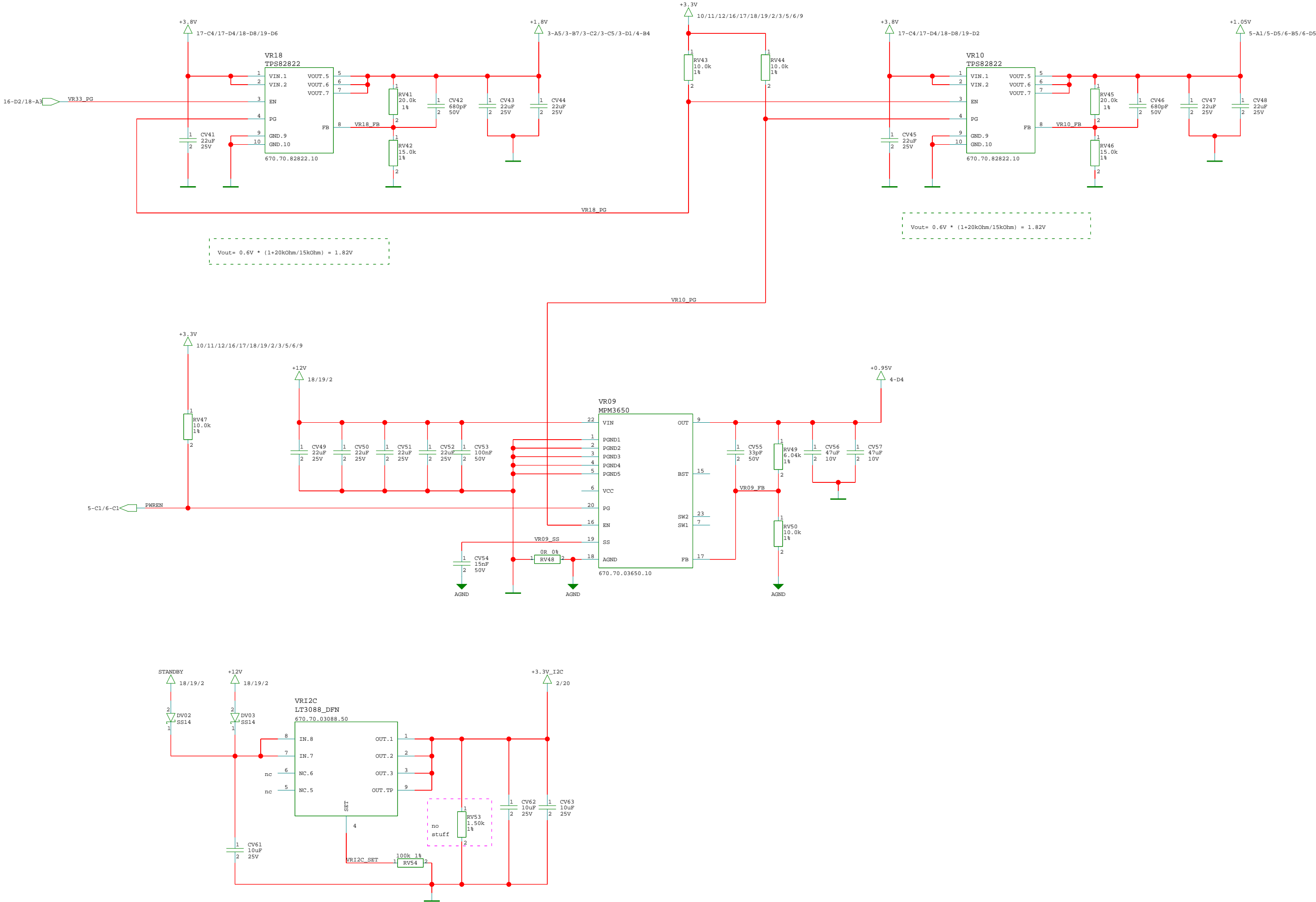




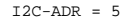
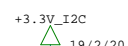
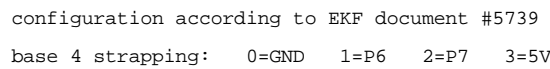
Board	SPV-MYSTIC			Rev.	0.0
Sheet Name	17: Power Switches - M.2 Sockets				N
Date, Design	2023-10-18	am	Sheet	17 of 20	



Board	SPV-MYSTIC			Rev.	0.0
Sheet Name	18: Voltage Regulators 1/2			V	
Date, Design	2023-10-18	am	Sheet	18	of 20



Board	SPV-MYSTIC		Rev.	0.0
Sheet Name	19: Voltage Regulators 2/2		V	
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Board	SPV-MYSTIC			Rev.	0.0
Sheet Name	20: I2C Logic			G	
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