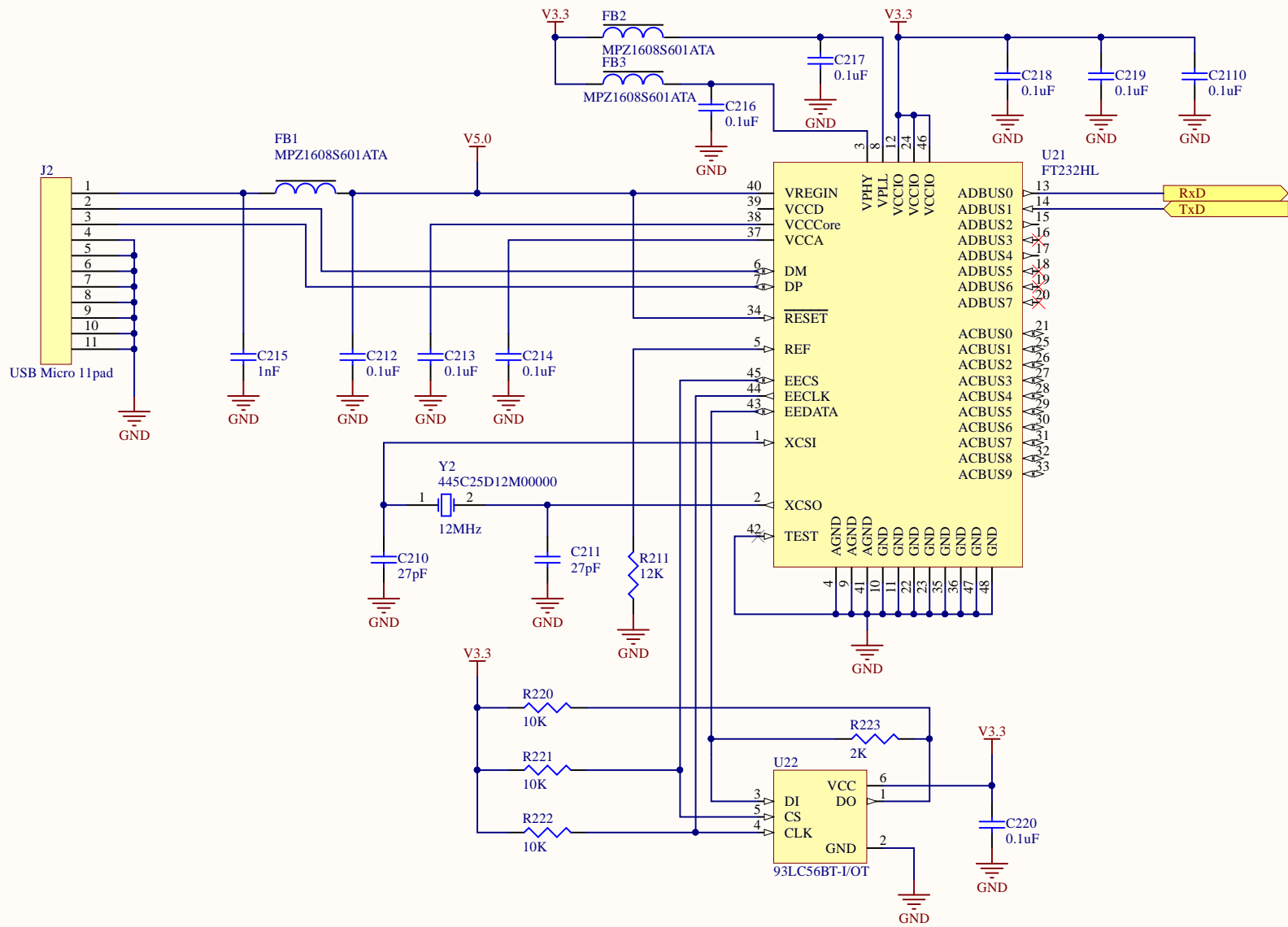
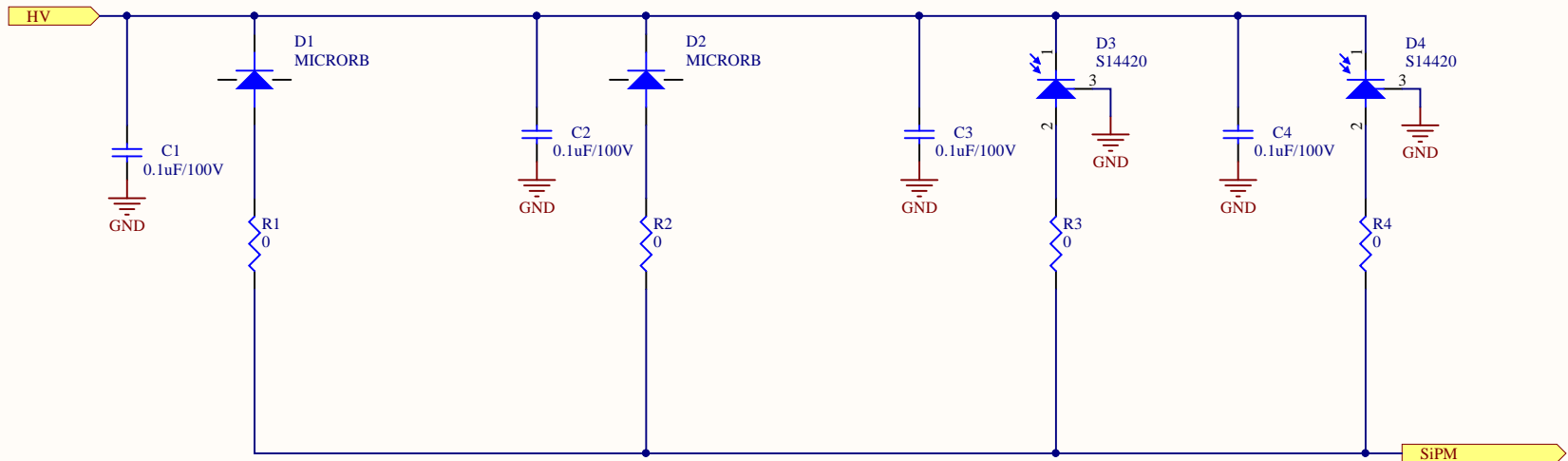


$$R144 \geq 1.25V/50\mu V \text{ or } 25k\Omega$$
$$R142 = (V_{max} - V_{min}) * R144/1.25$$
$$= (30) * 24,900/1.25$$
$$= 597,600$$
$$= 590k \text{ Ohms}$$
$$R143 = (1.25 * R142)/V_{min}$$
$$= 36,875$$
$$= 36.5k\Omega$$

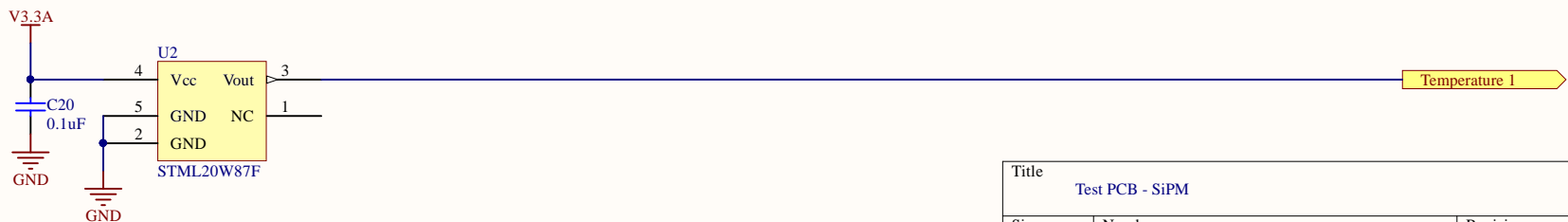
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Size A	Number		Revision 1
Date:	10/17/2021		Sheet of
File:	C:\Altium Files\3 Bias Supply.SchDoc		Drawn By:



Title			
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Date:	10/17/2021		Sheet of
File:	C:\Altium Files\...4 USB.SchDoc		Drawn By:

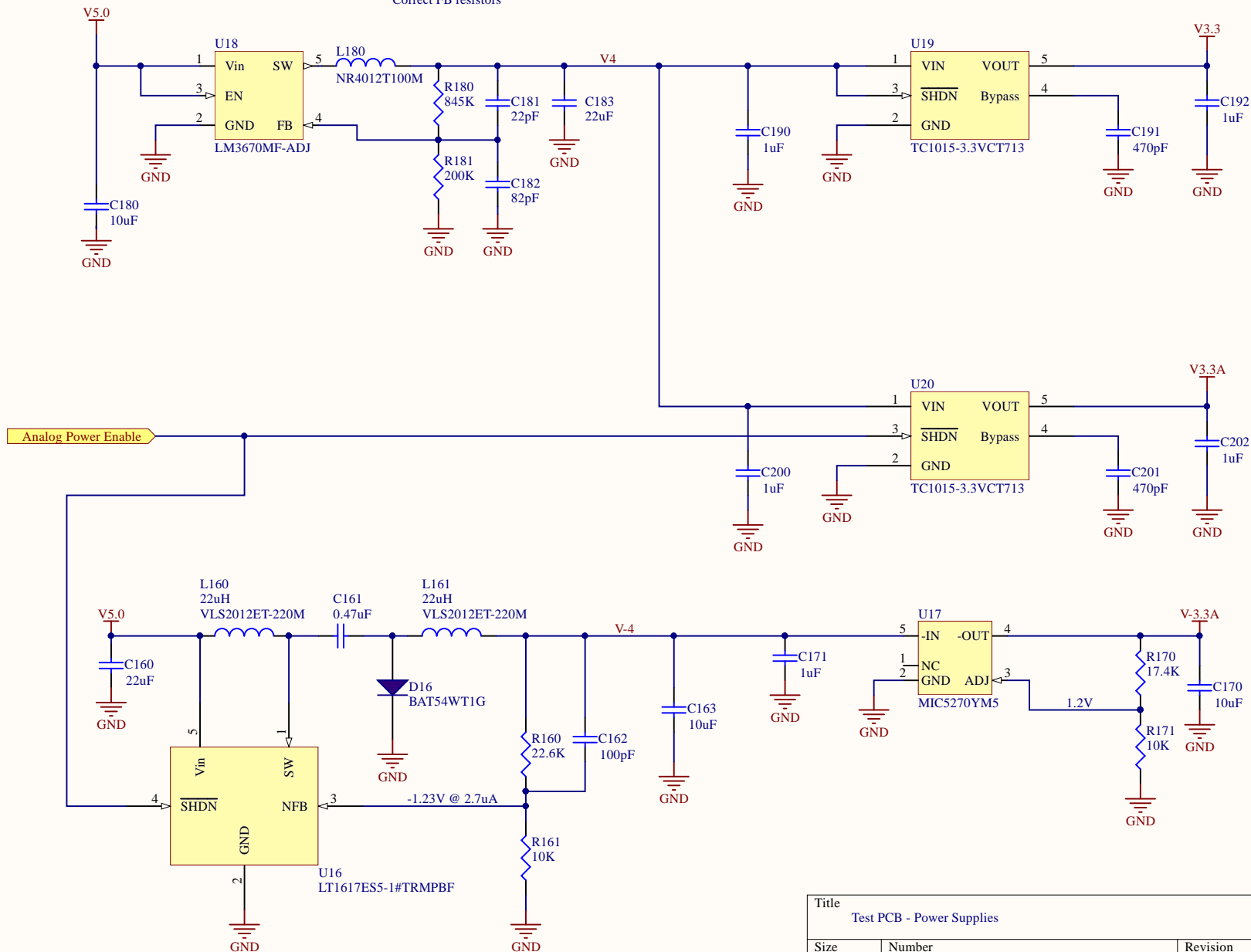


Note: Only one SiPM should be connected through 0 Ohm resistor. Others left open,



Title		
Test PCB - SiPM		
Size	Number	Revision
A		
Date:	10/17/2021	Sheet of
File:	C:\Altium Files\...\5 SiPM.SchDoc	Drawn By:

Correct FB resistors



Title Test PCB - Power Supplies		
Size A	Number	Revision 1
Date: 10/17/2021	Sheet of	
File: C:\Altium Files\...\6 Power.SchDoc	Drawn By:	