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D	<table><tr><td colspan="2">Table of Contents</td></tr><tr><td>1</td><td>Title_Sheet</td></tr><tr><td>2</td><td>ZMOD-Syzygy and EEPROM</td></tr><tr><td>3</td><td>Level Shifters</td></tr><tr><td>4</td><td>USB-C</td></tr><tr><td>5</td><td>Power</td></tr><tr><td>6</td><td>LED and Debugging</td></tr></table>				Table of Contents		1	Title_Sheet	2	ZMOD-Syzygy and EEPROM	3	Level Shifters	4	USB-C	5	Power	6	LED and Debugging	D						
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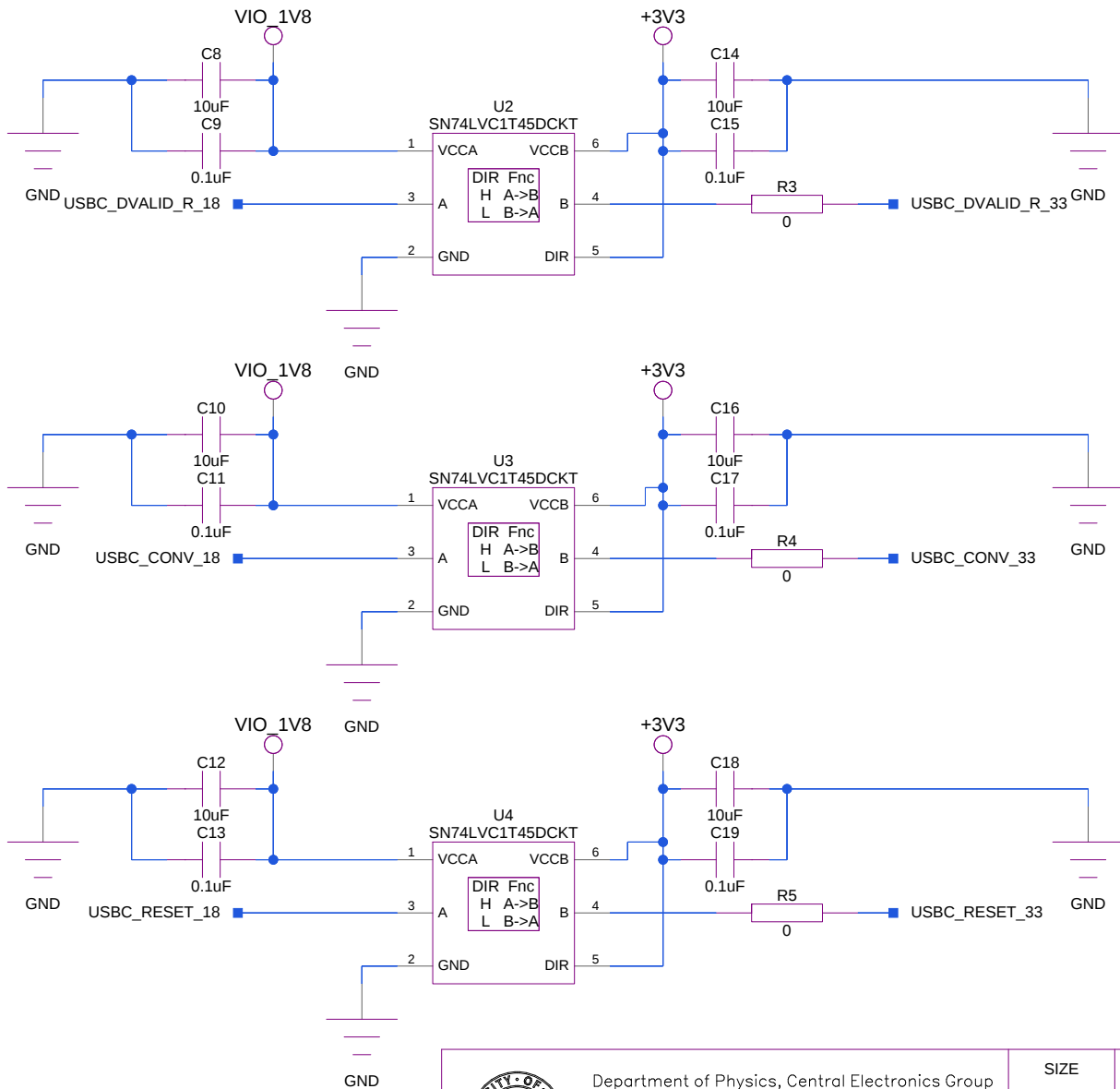
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Level Shifters

Title

ZMOD-USBC

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DATE 04/03/2024:10:40

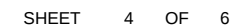
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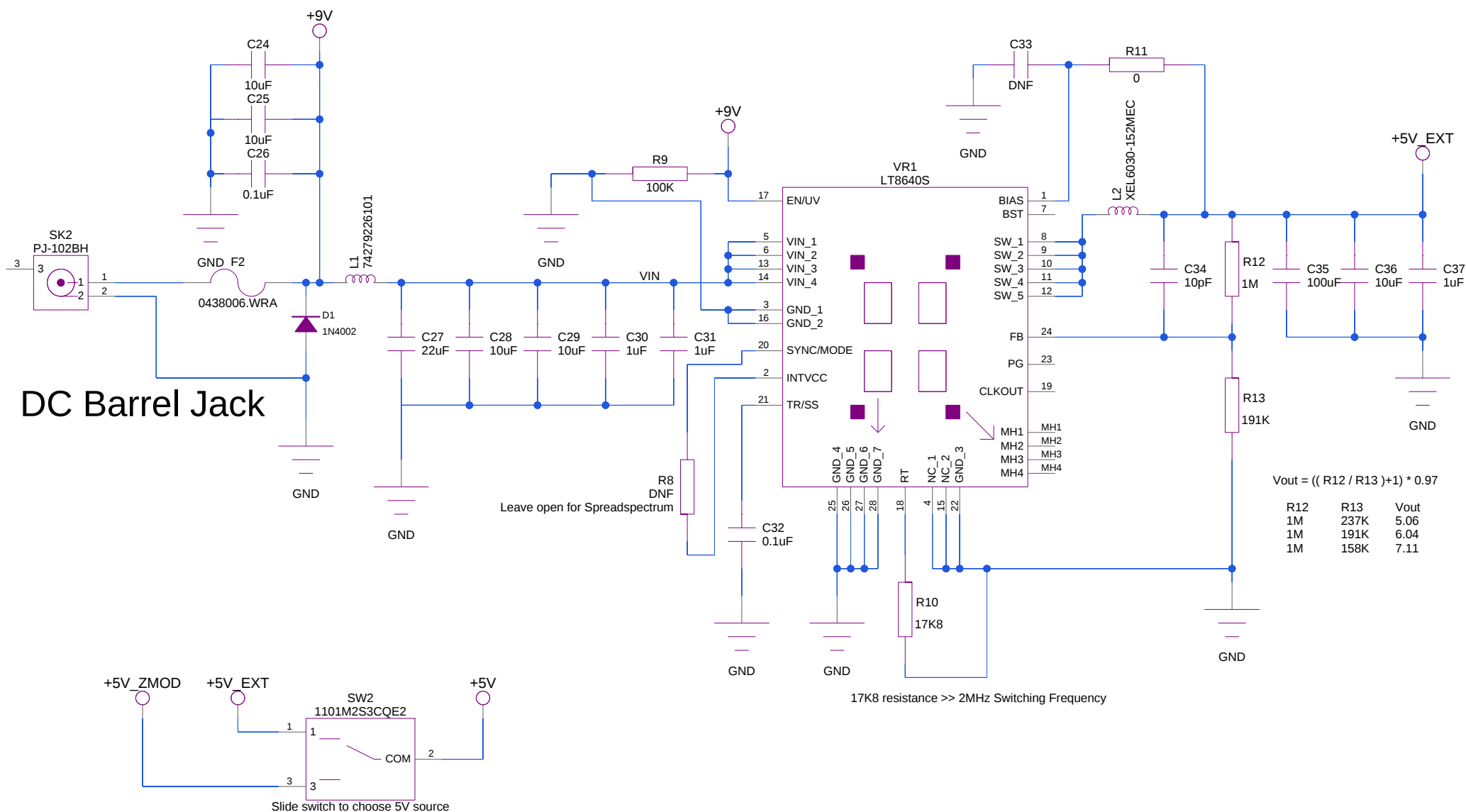
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$V_{out} = ((R_{12} / R_{13}) + 1) * 0.97$

R12	R13	Vout
1M	237K	5.06
1M	191K	6.04
1M	158K	7.11

R12	R13	Vout
1M	237K	5.06
1M	191K	6.04
1M	158K	7.11

17K8 resistance >> 2MHz Switching Frequency



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Power

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DATE 21/03/2024:07:32

SHEET 5 OF 6

4

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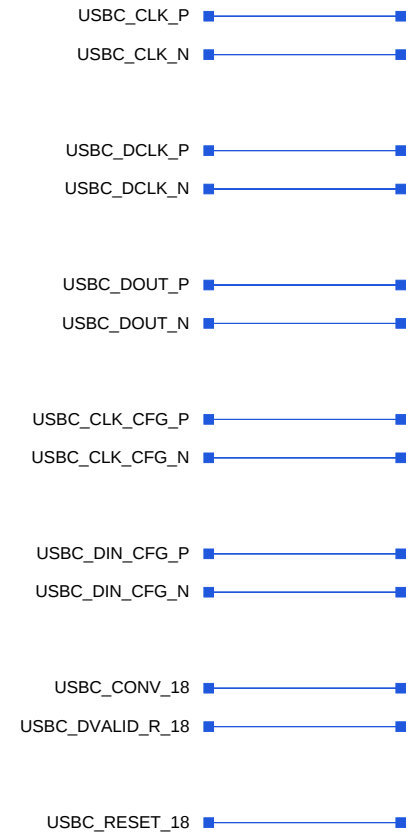
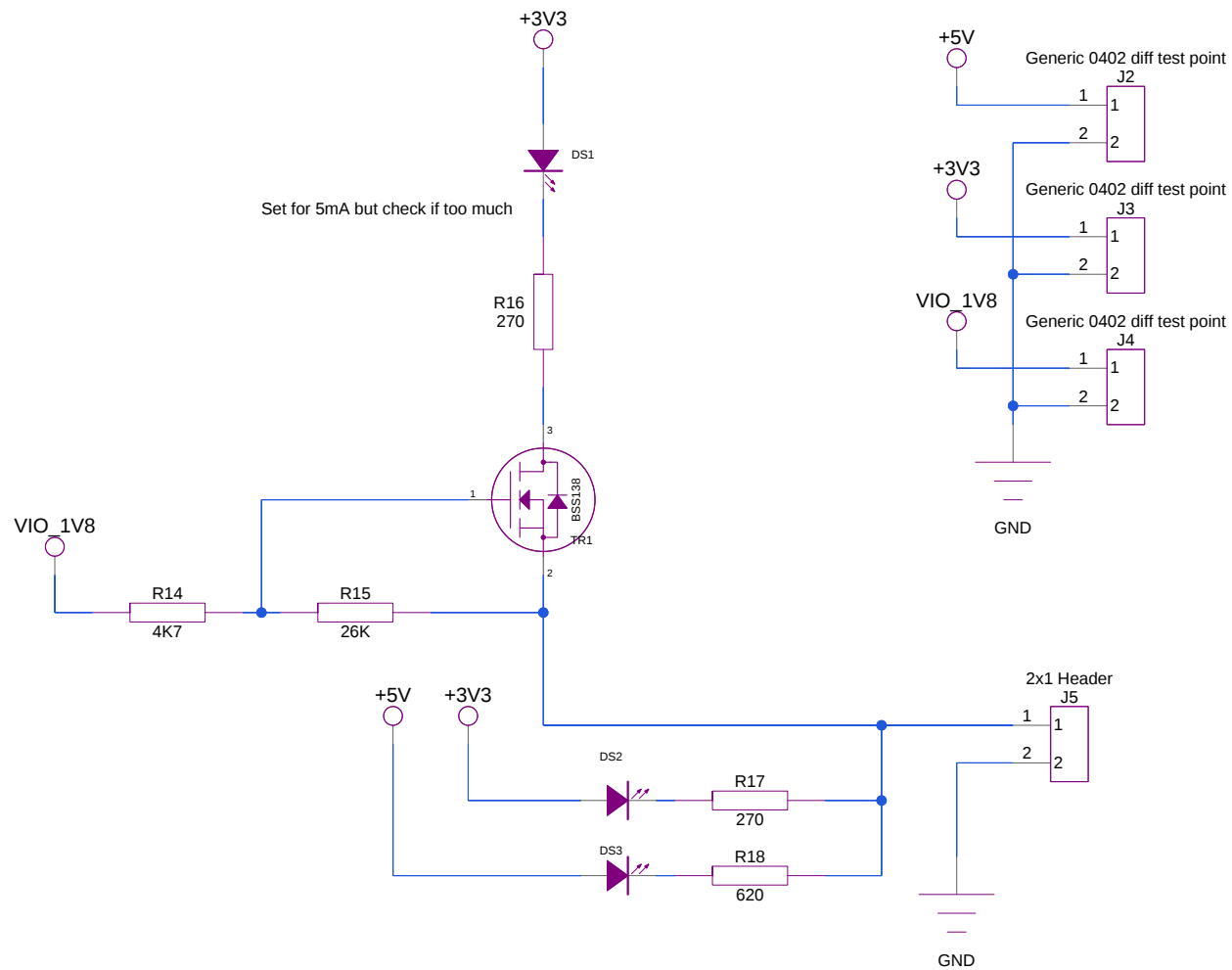
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LED_Debug

Title

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20/03/2024:12:18

SHEET

6

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