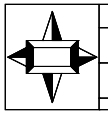
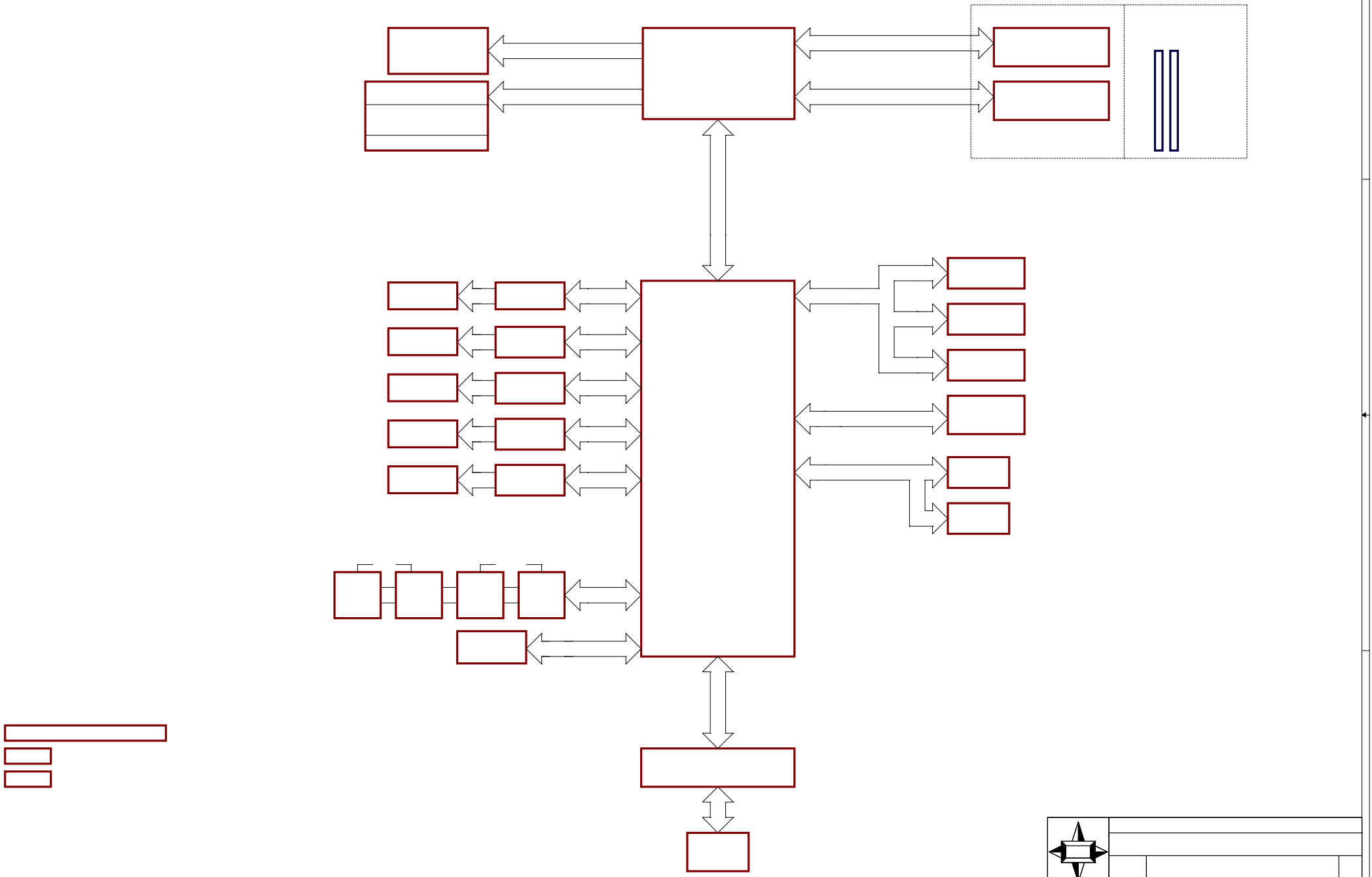
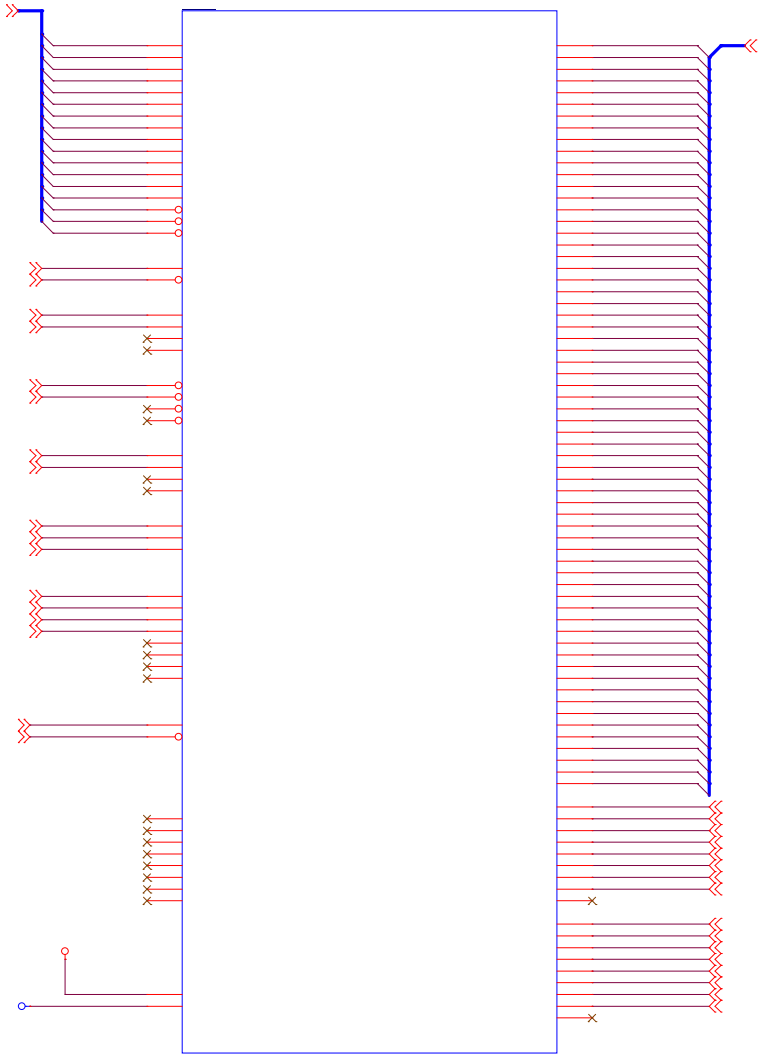
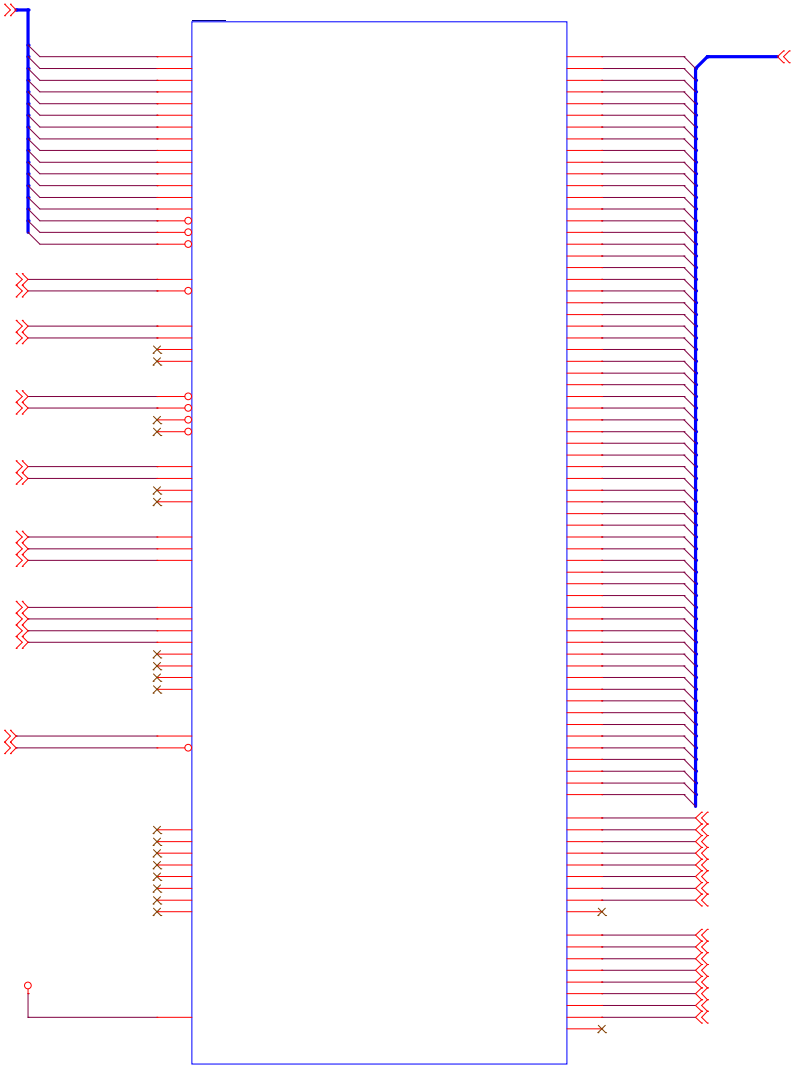
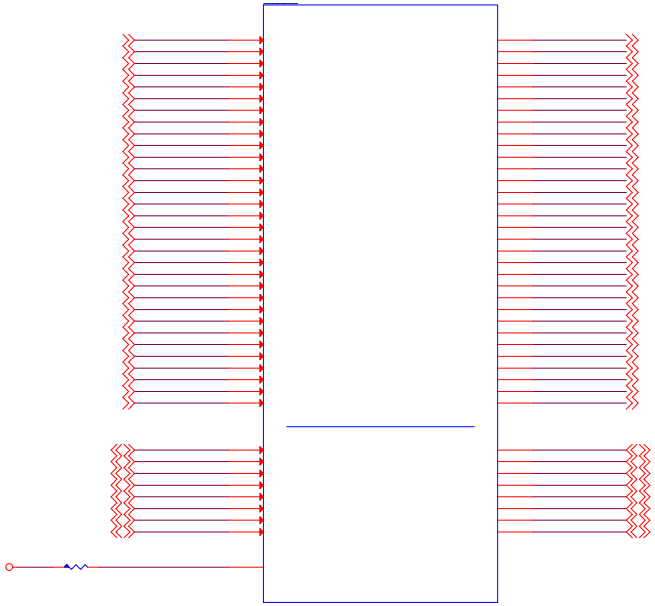

MS-7C09

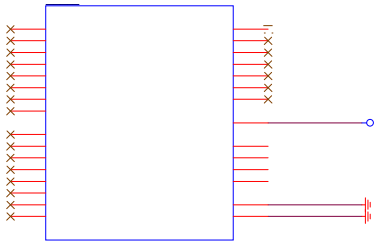


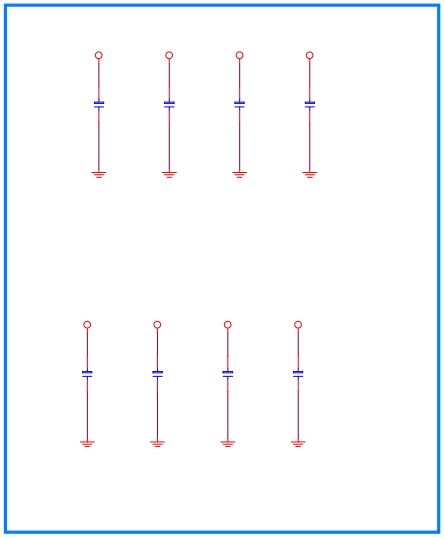


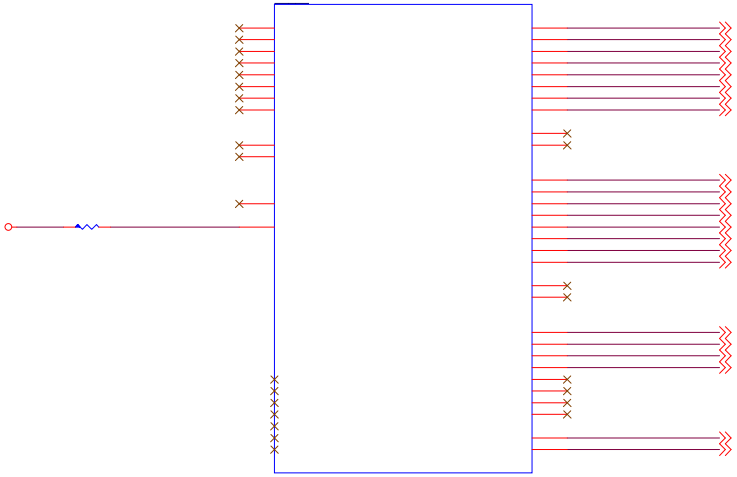












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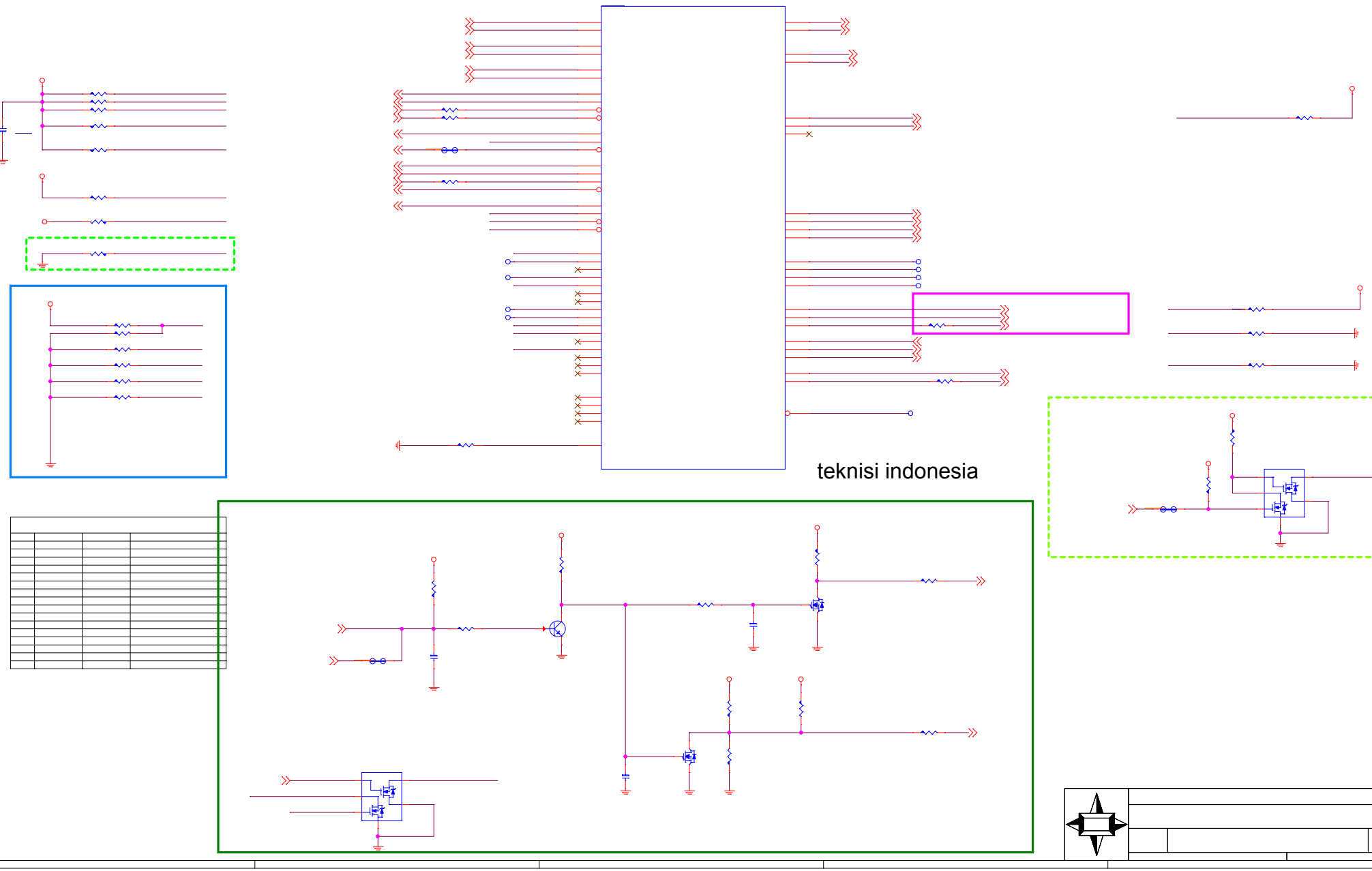
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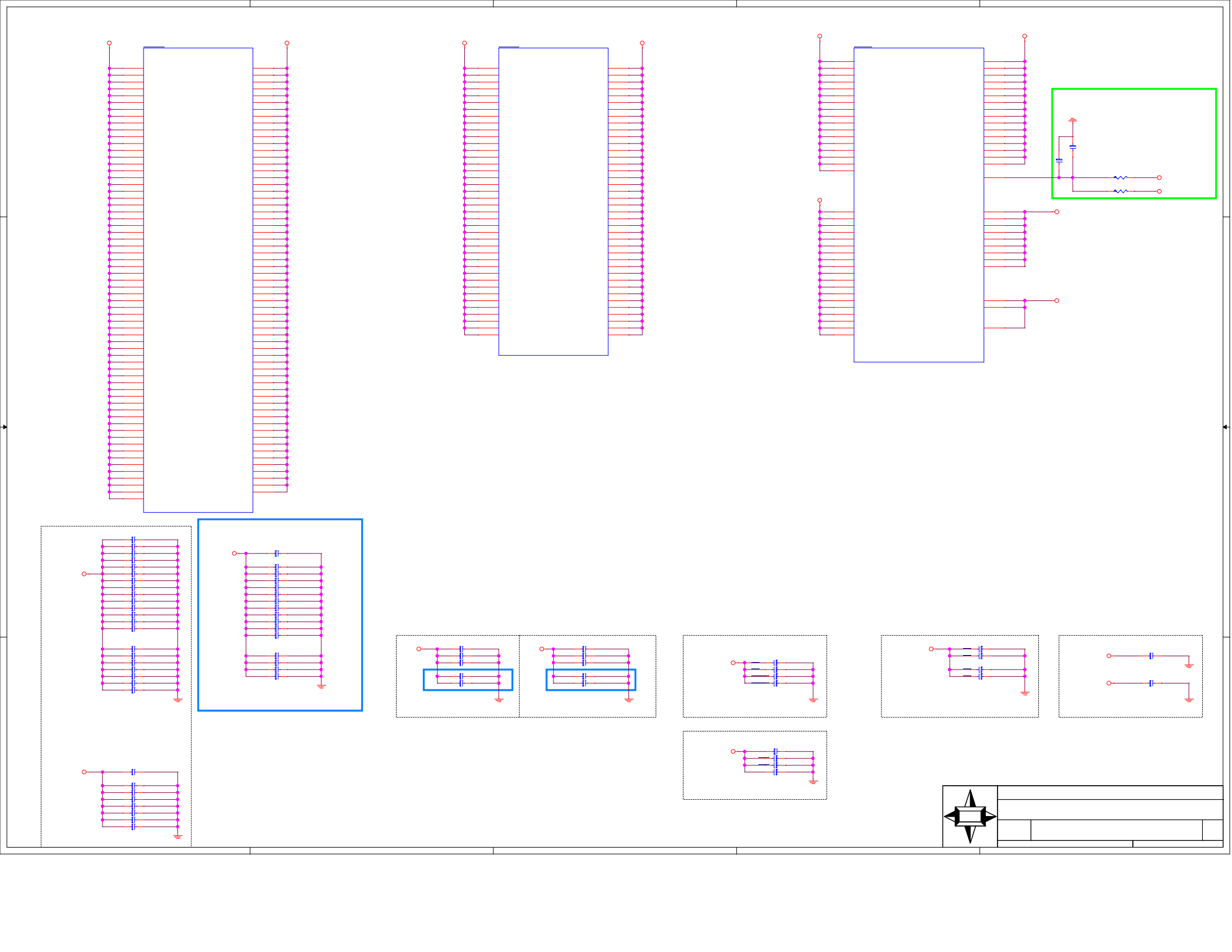

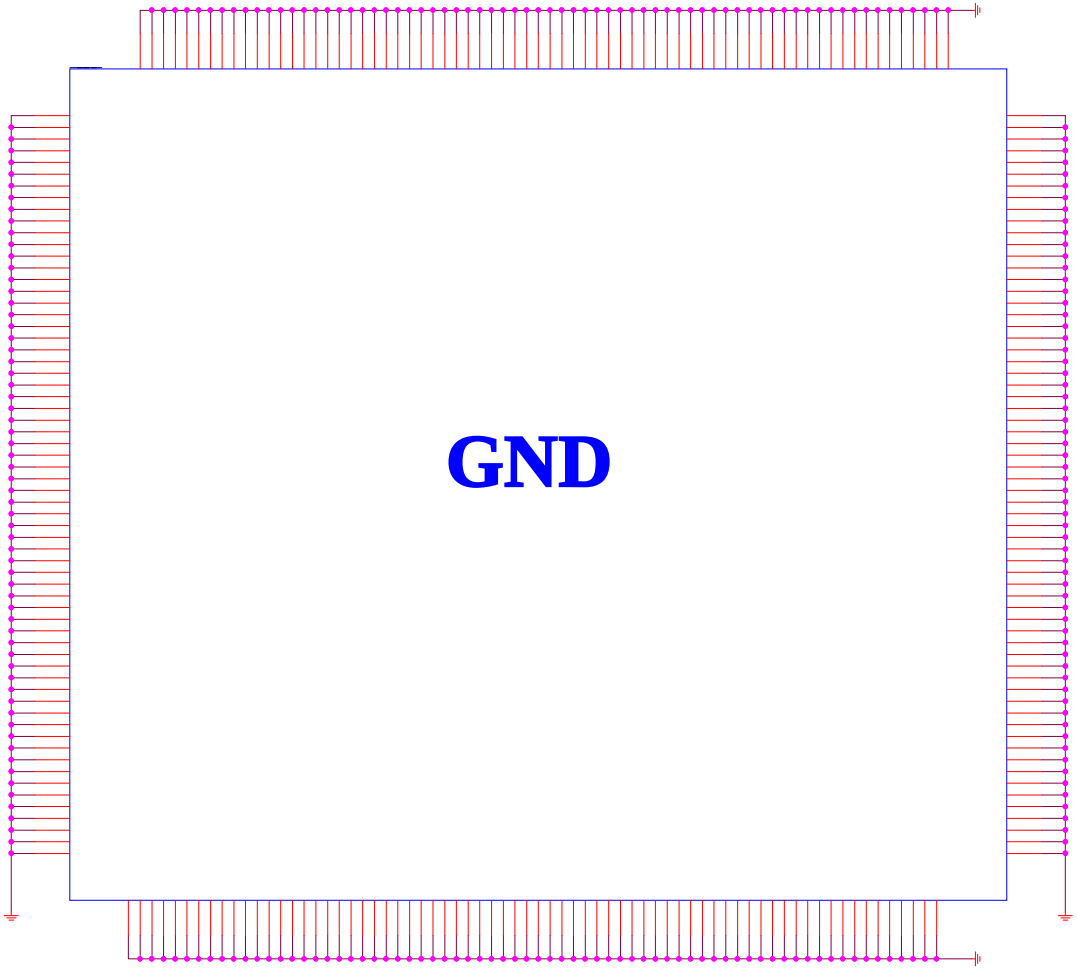

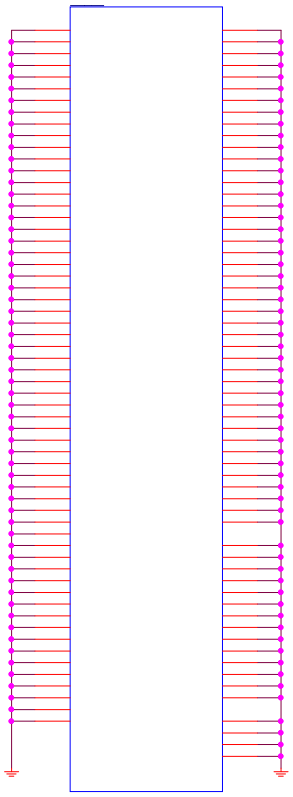

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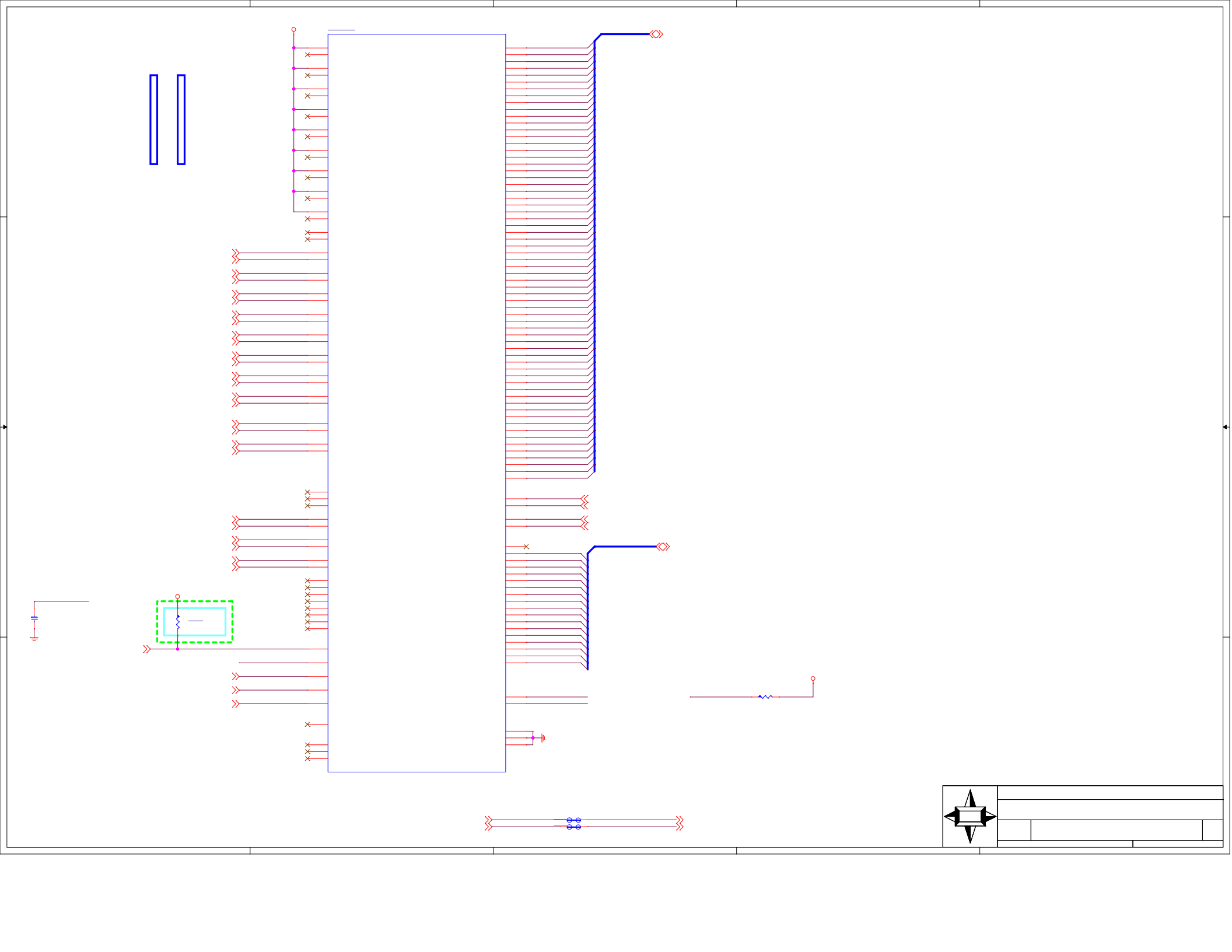

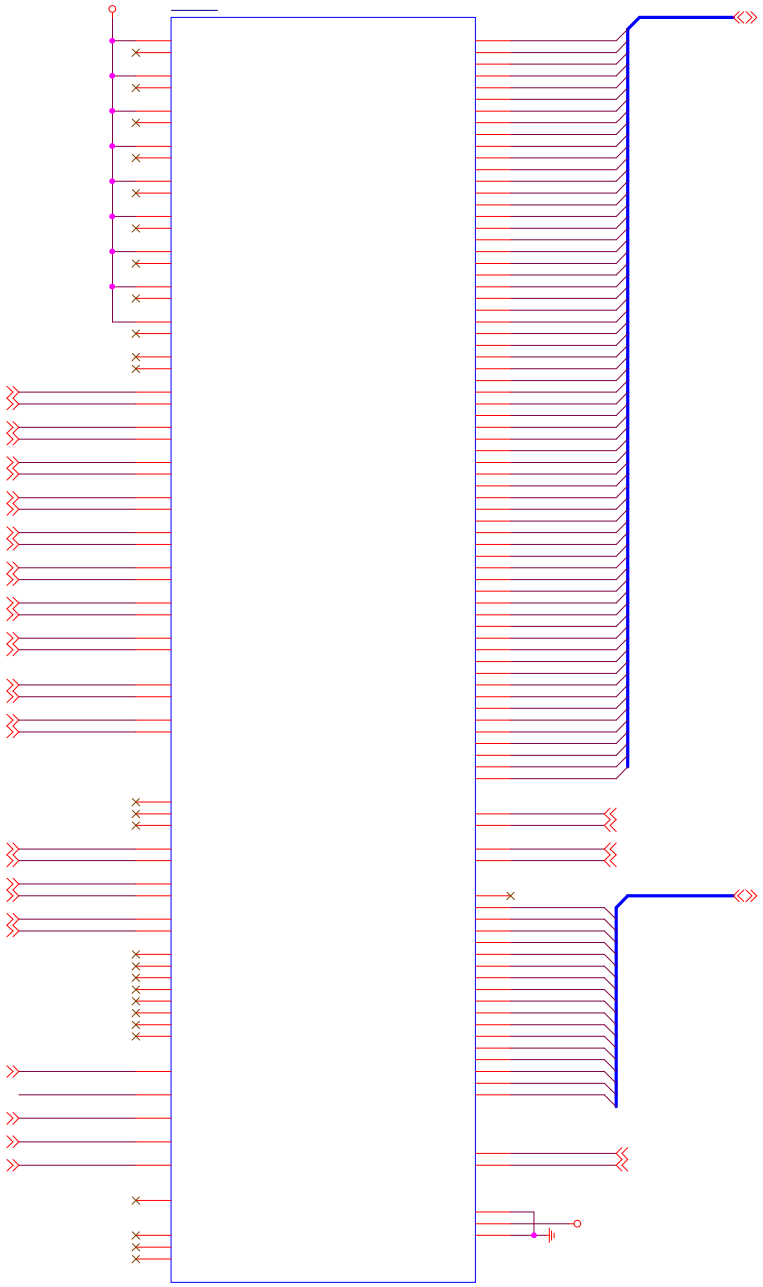

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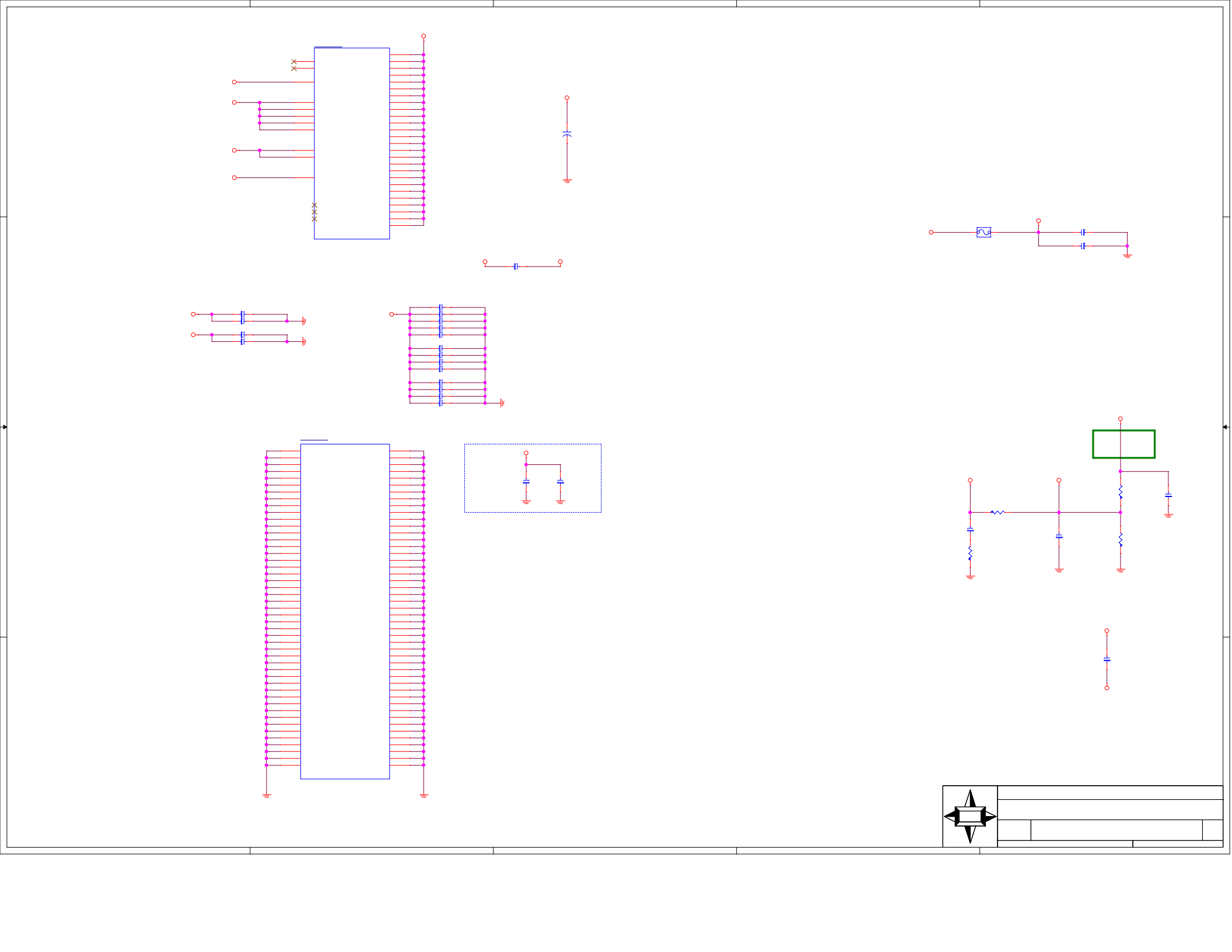

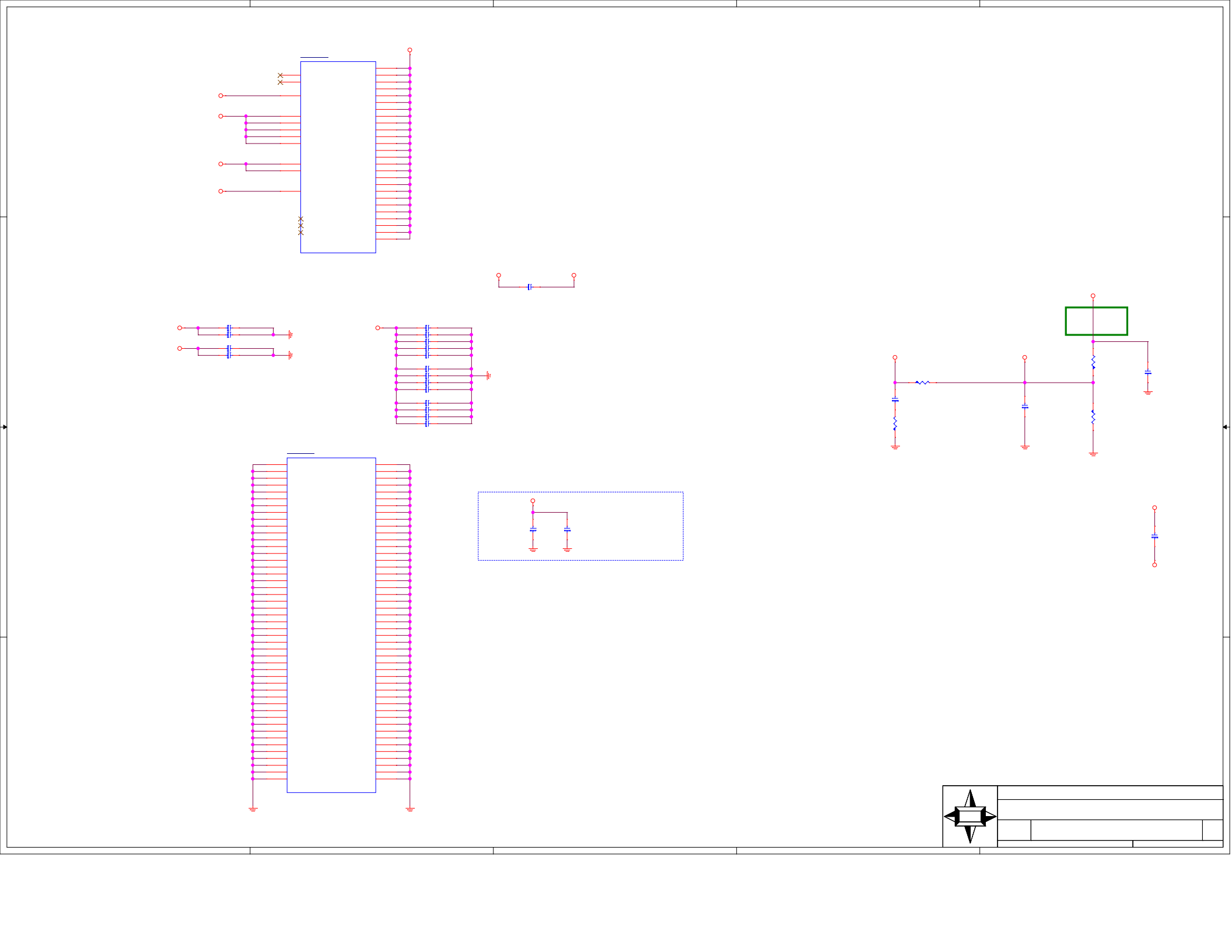

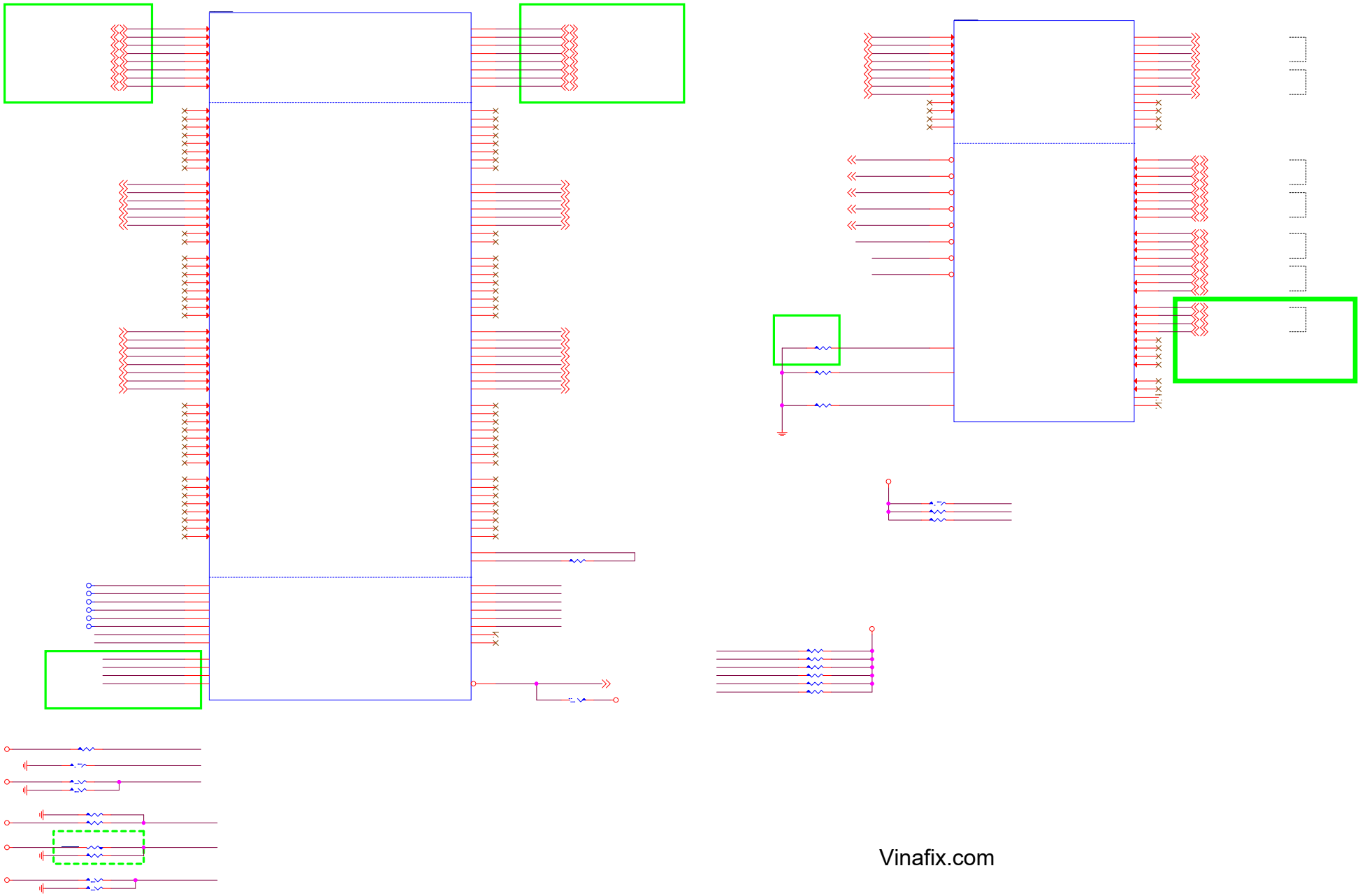
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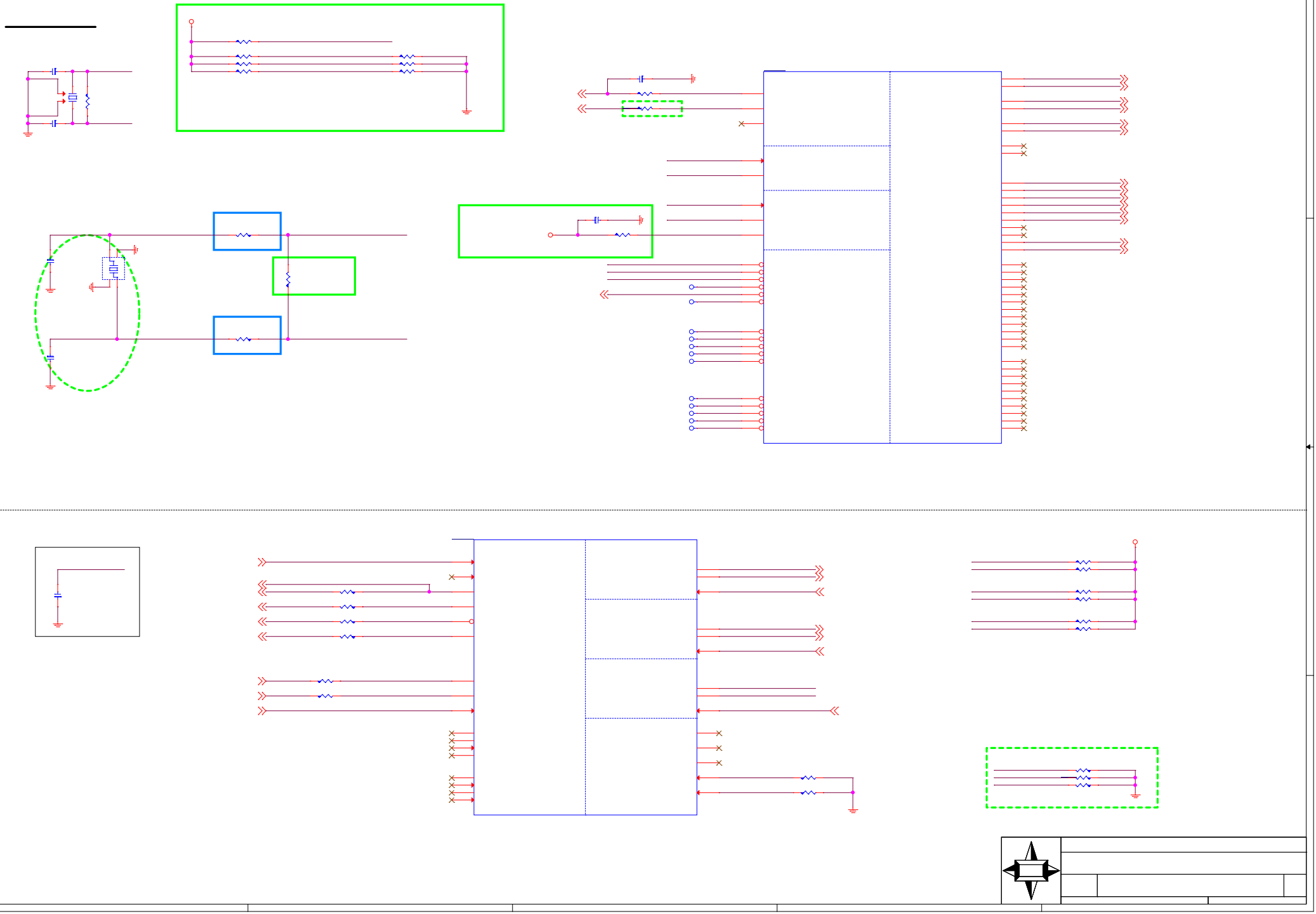

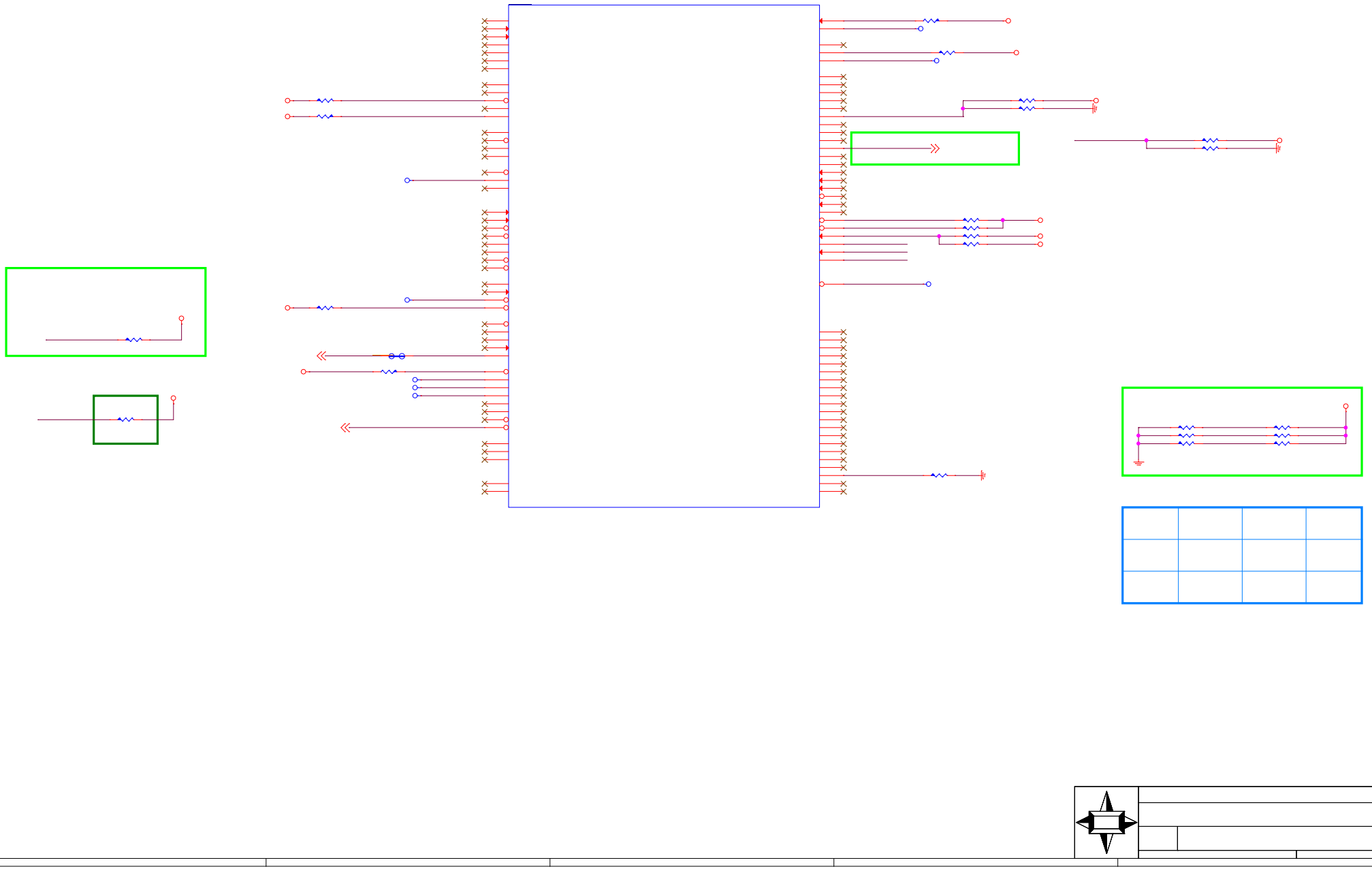

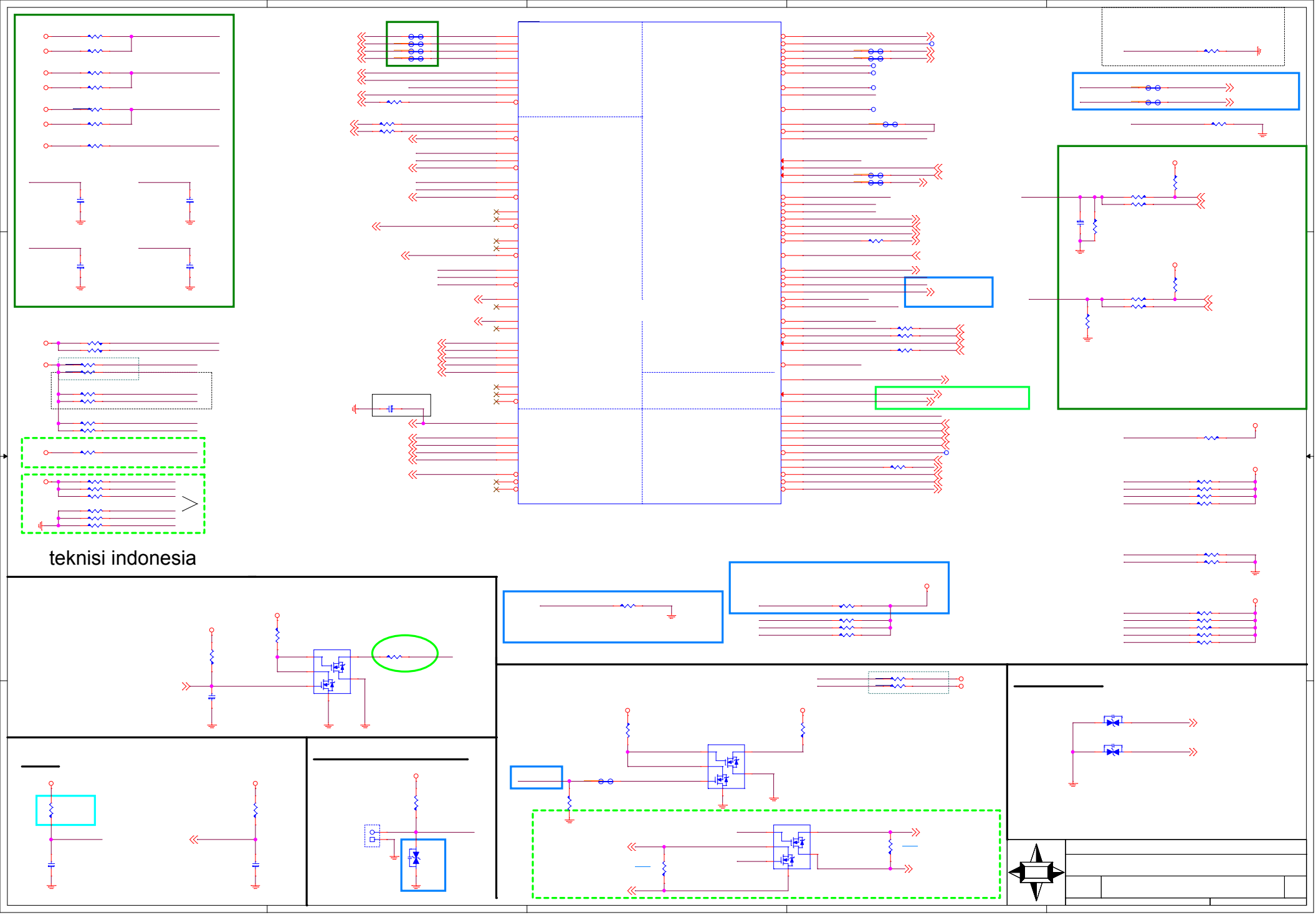
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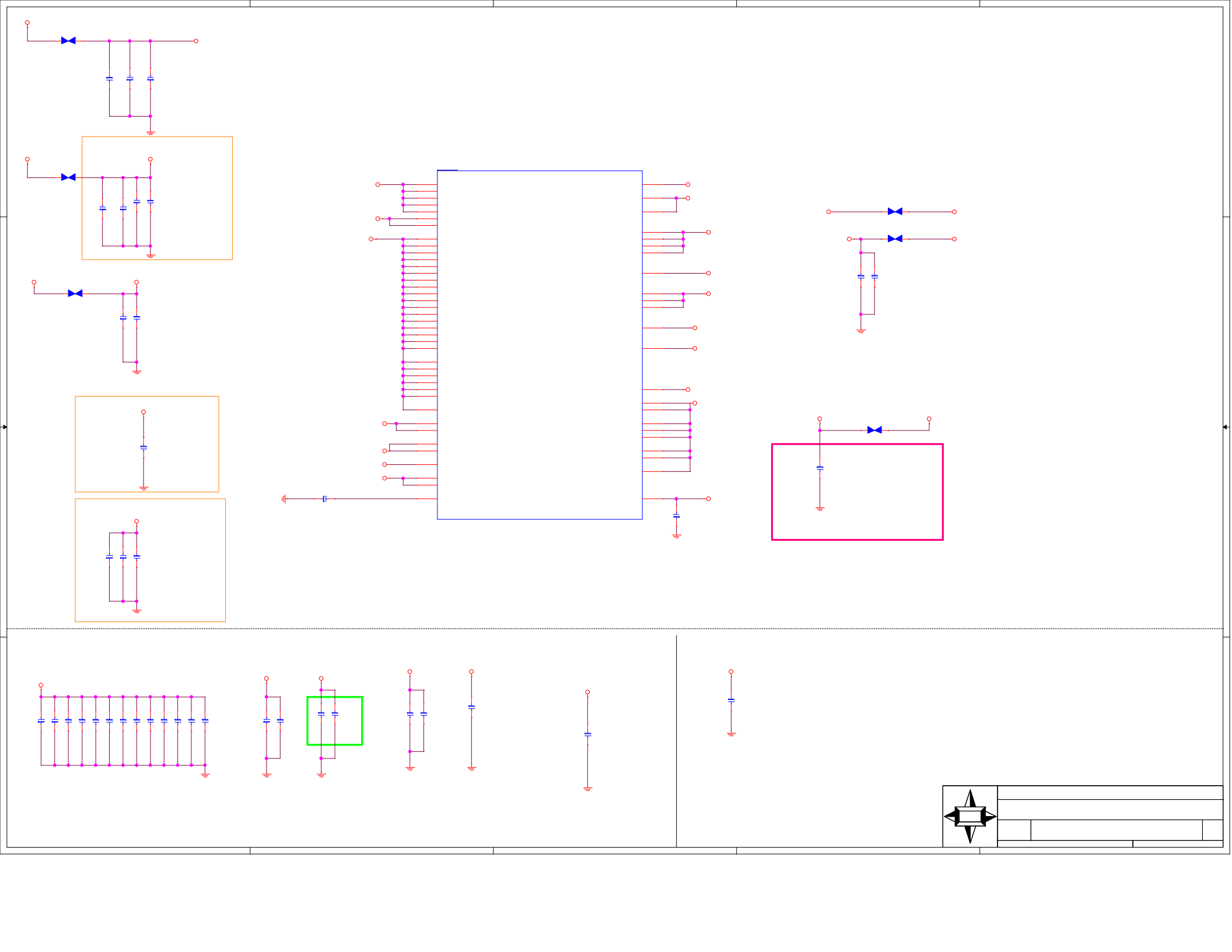

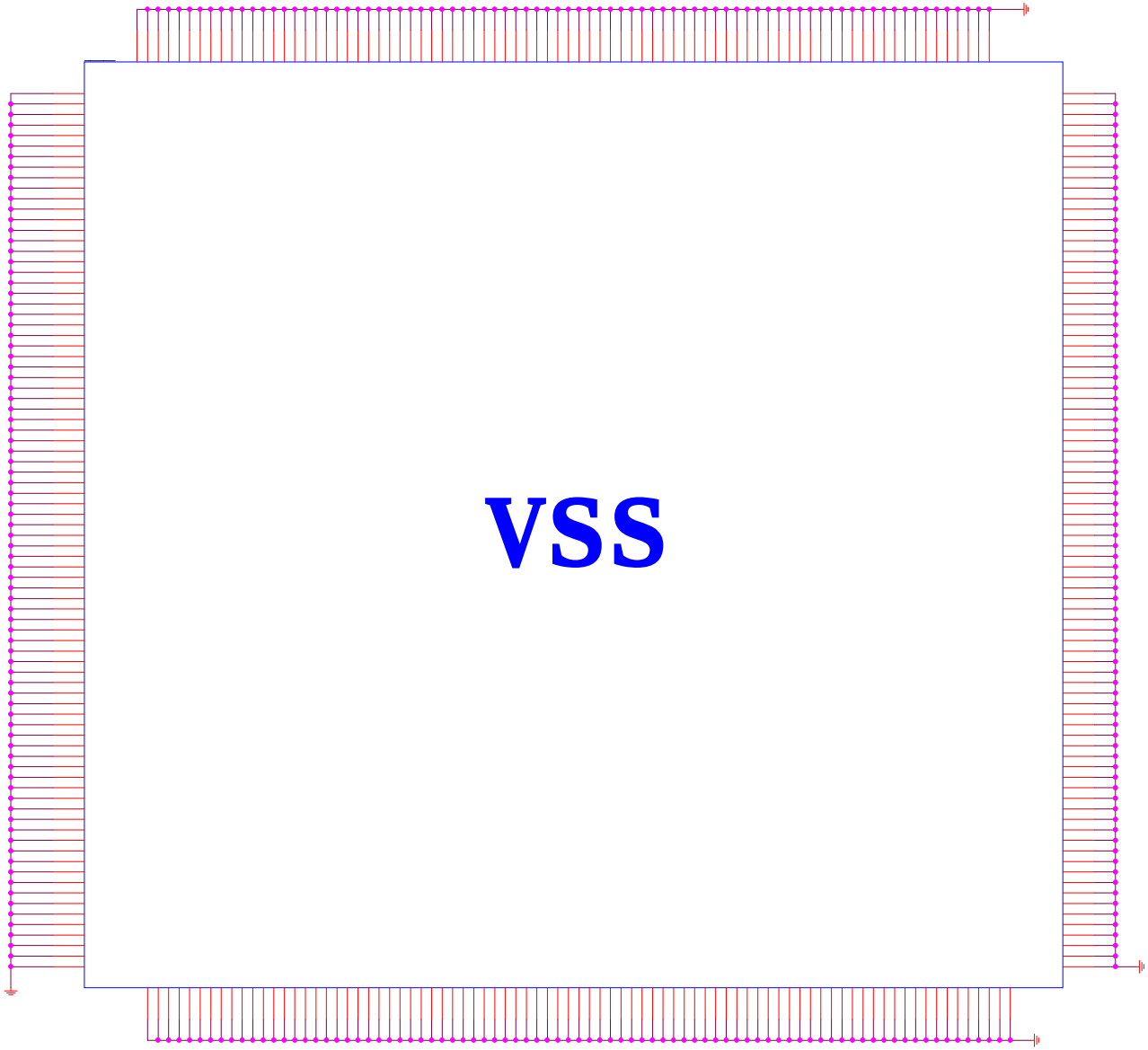

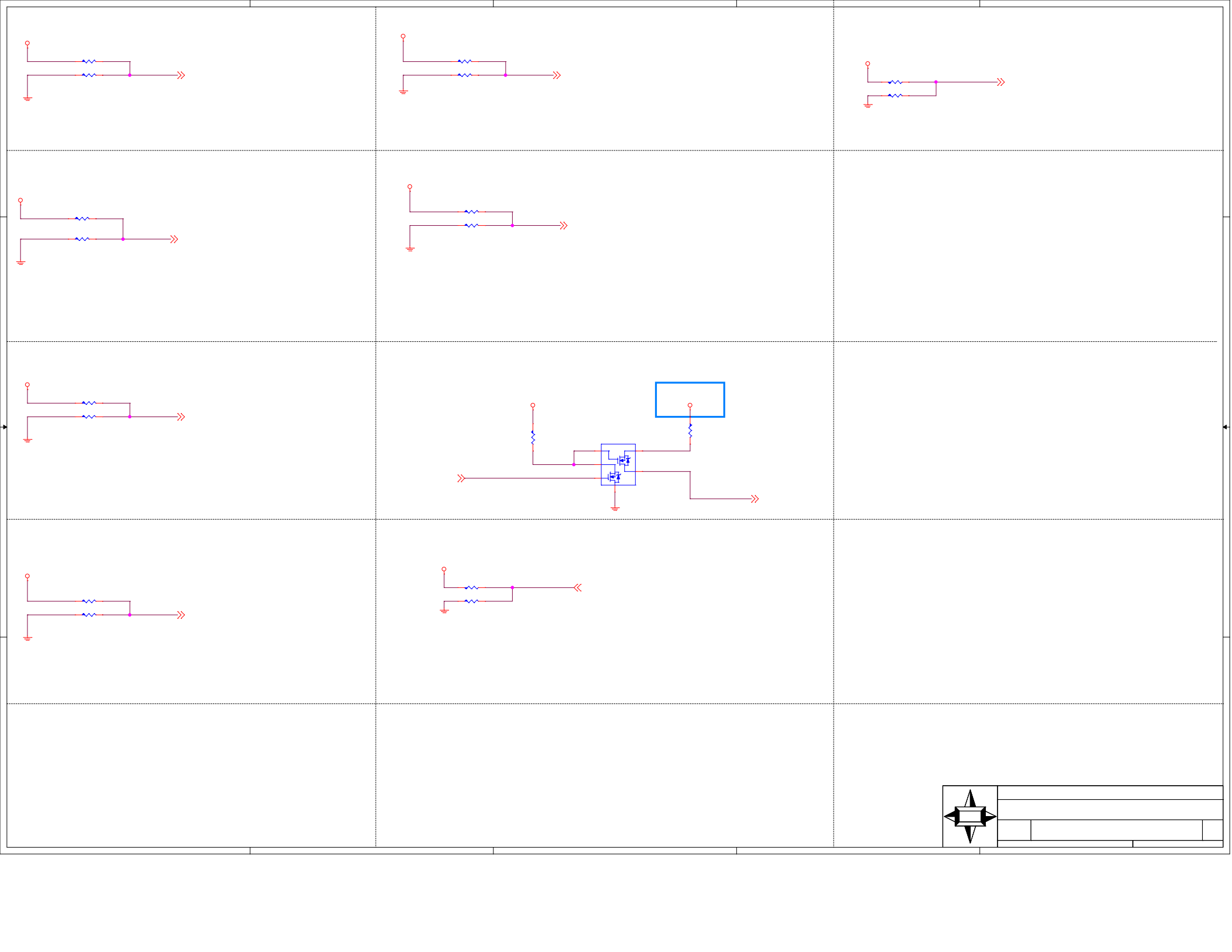

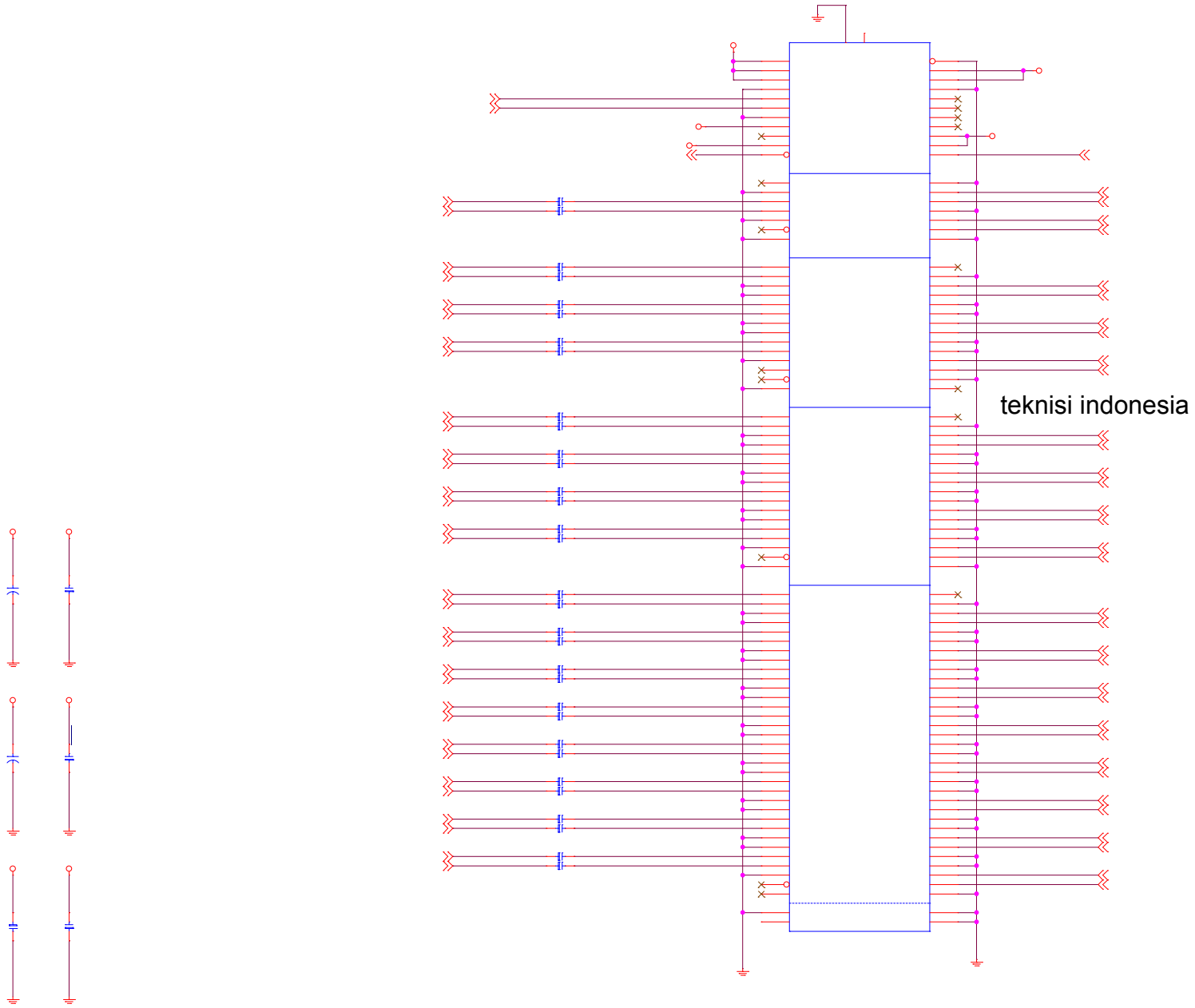
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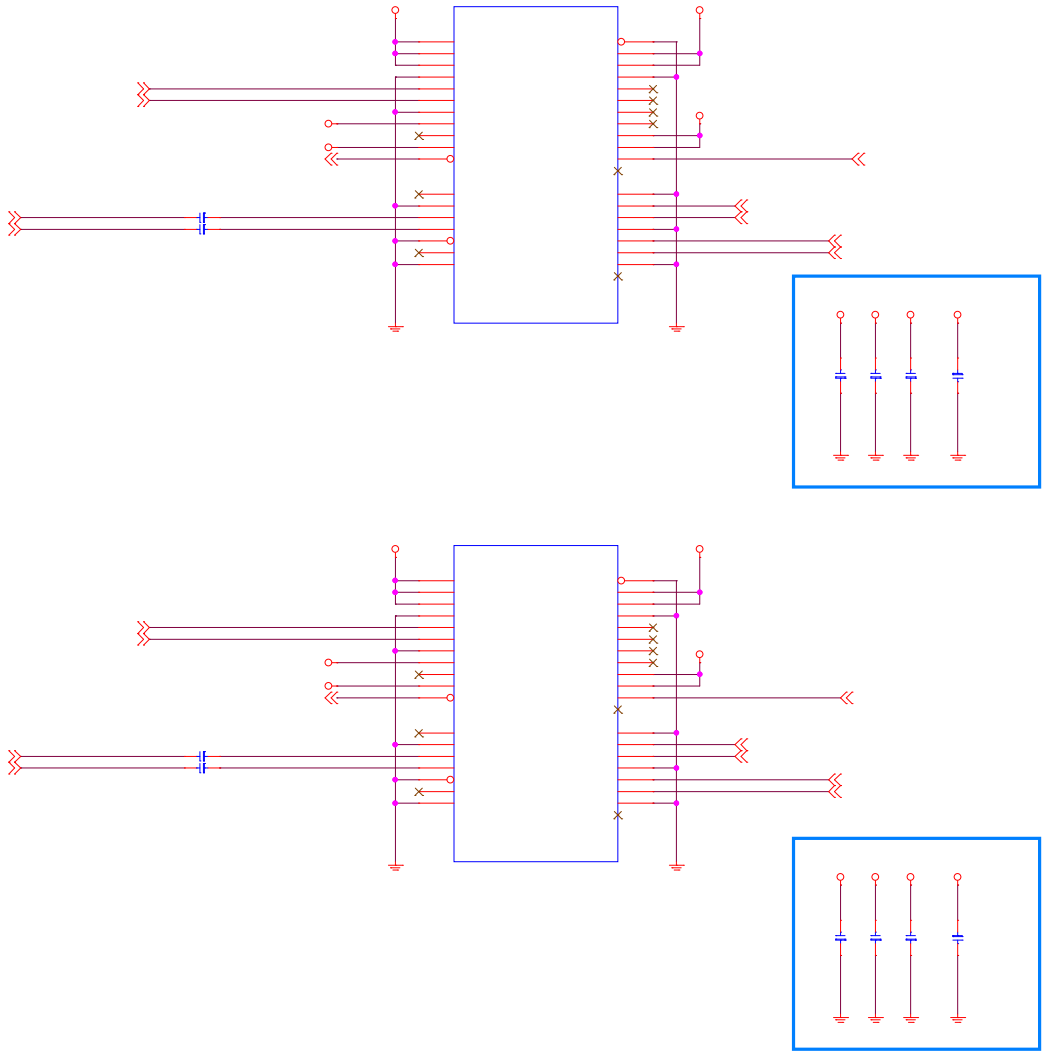
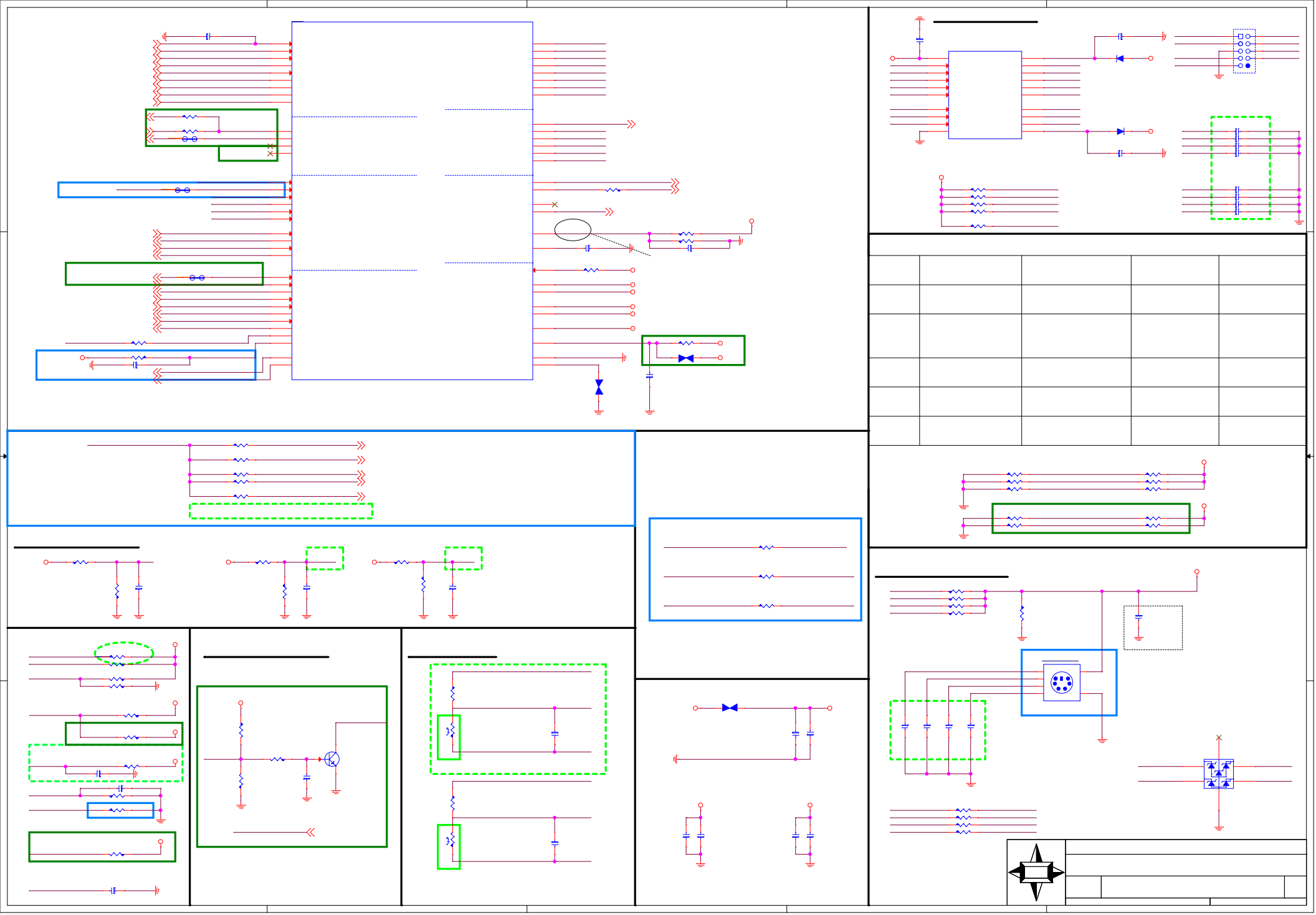
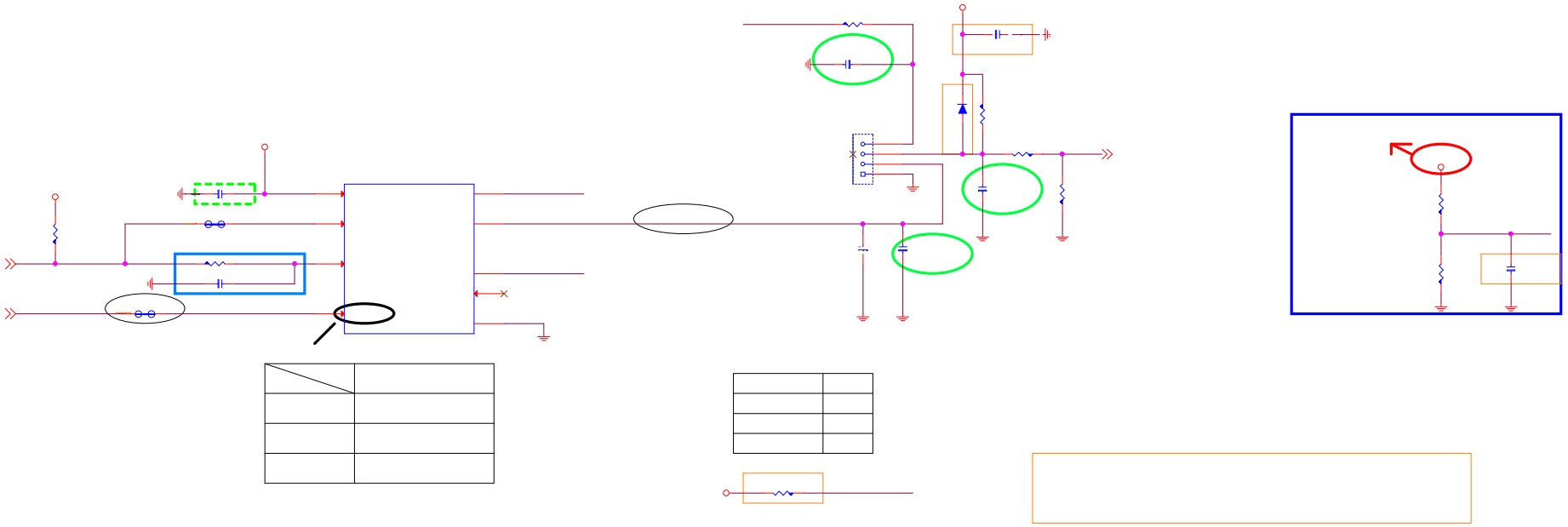
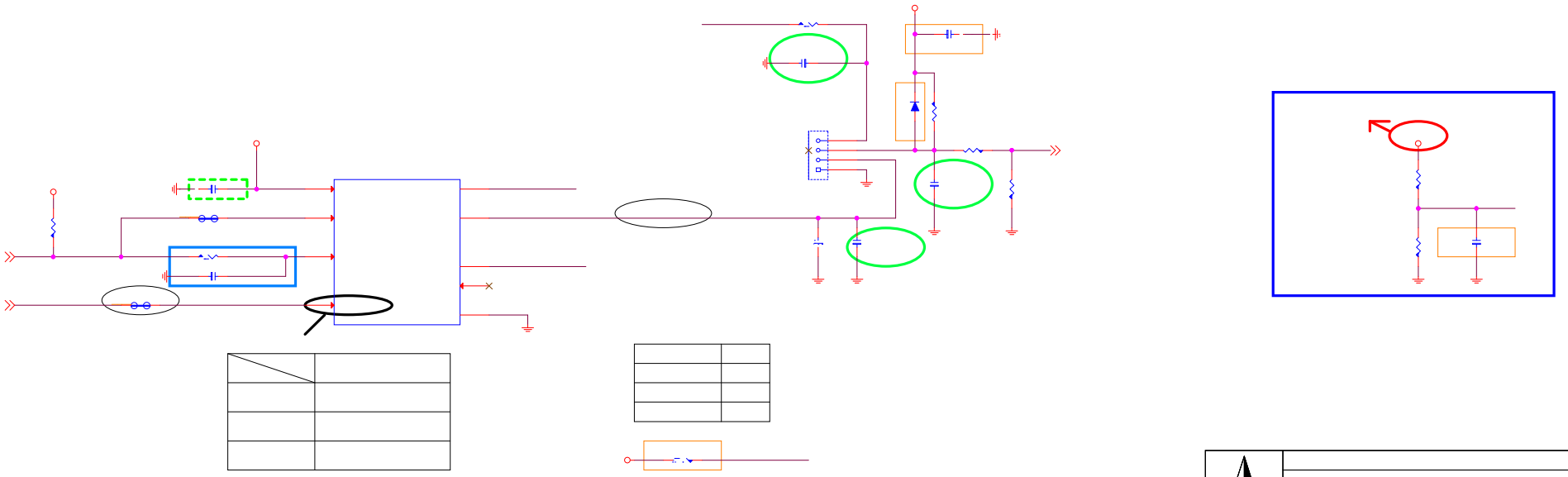
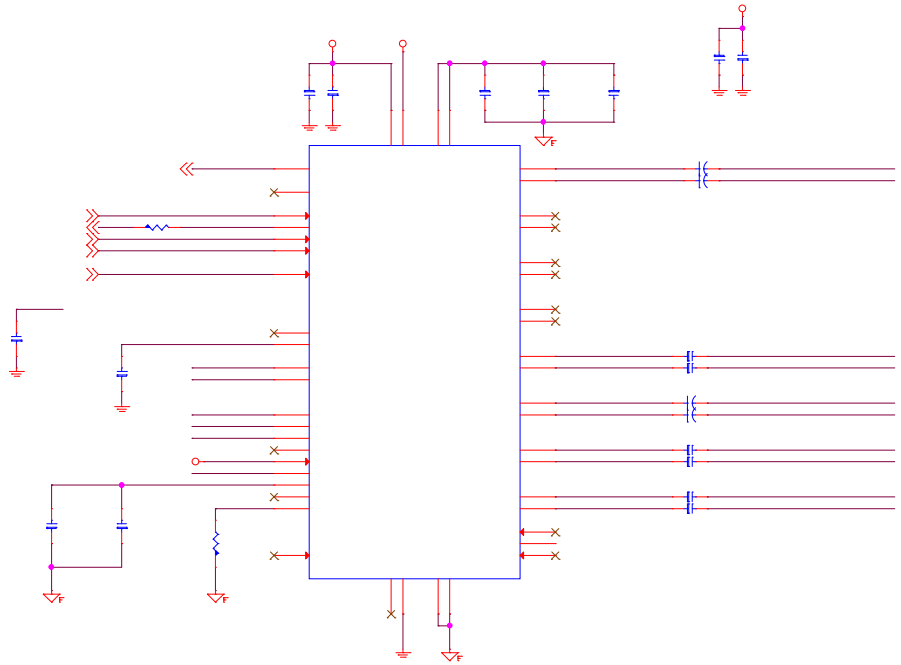
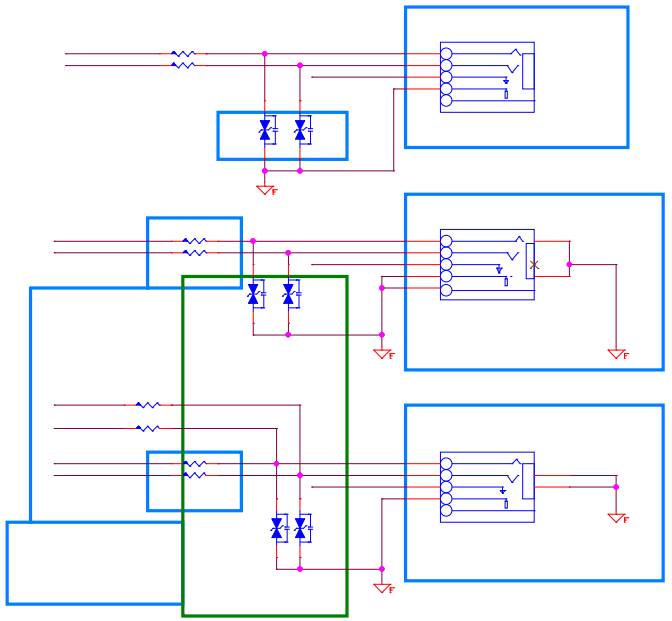
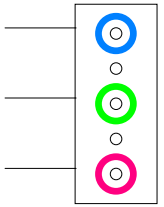
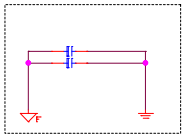
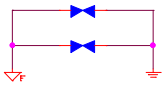
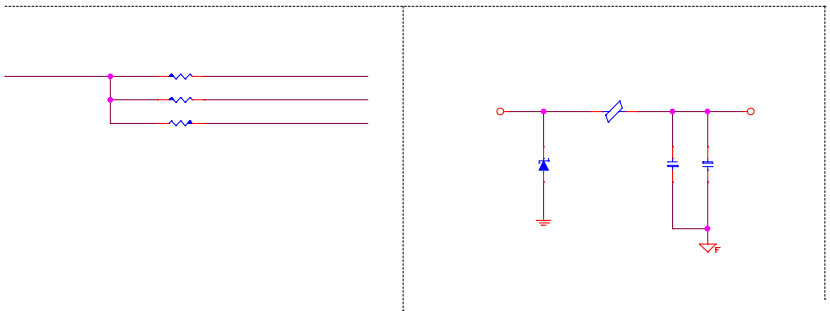


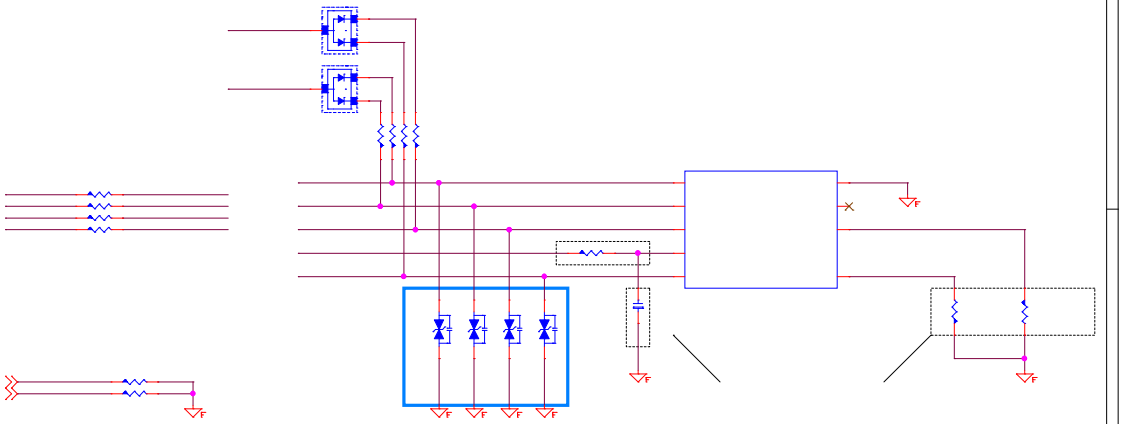


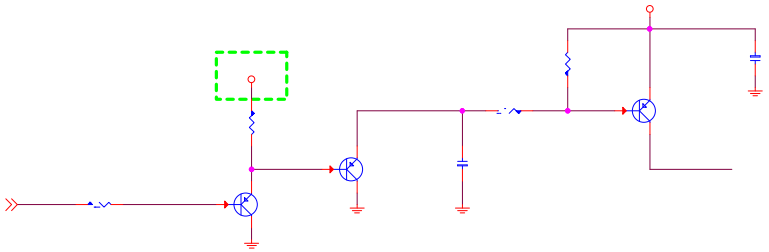


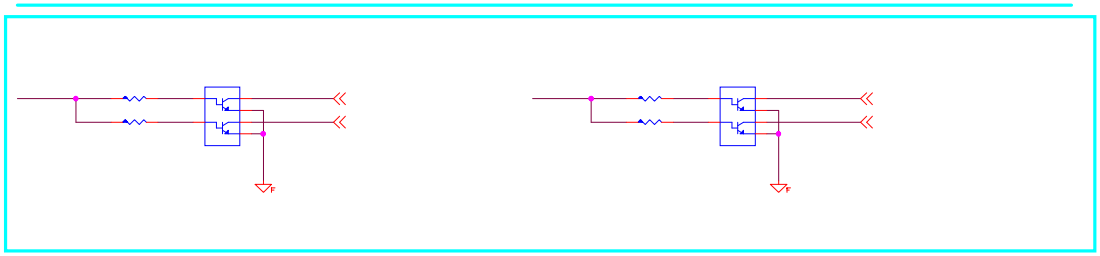


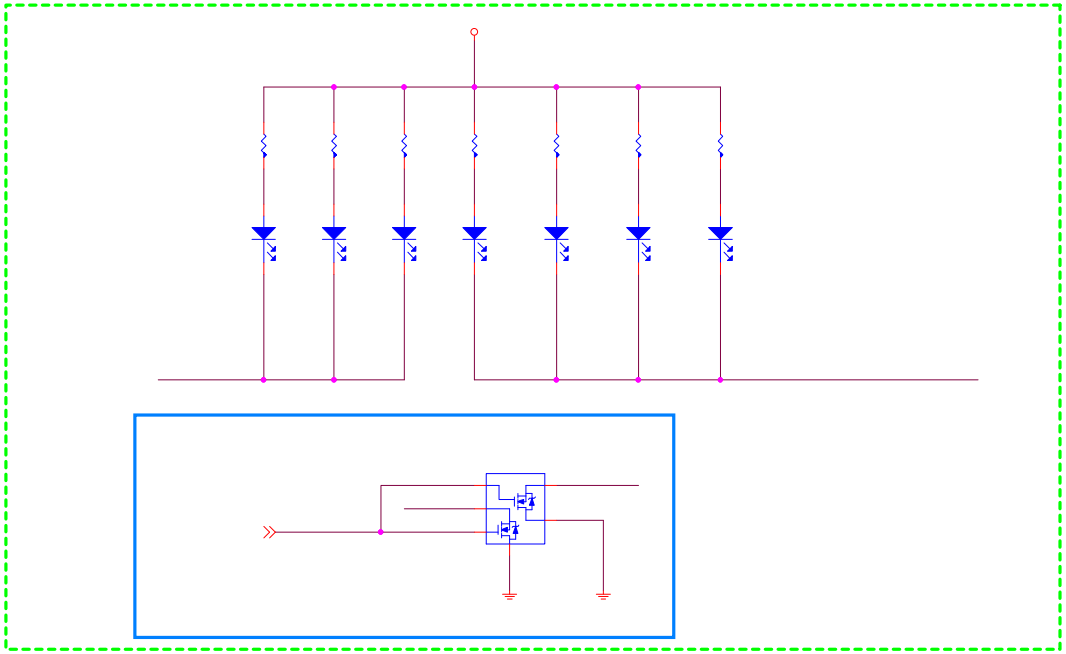




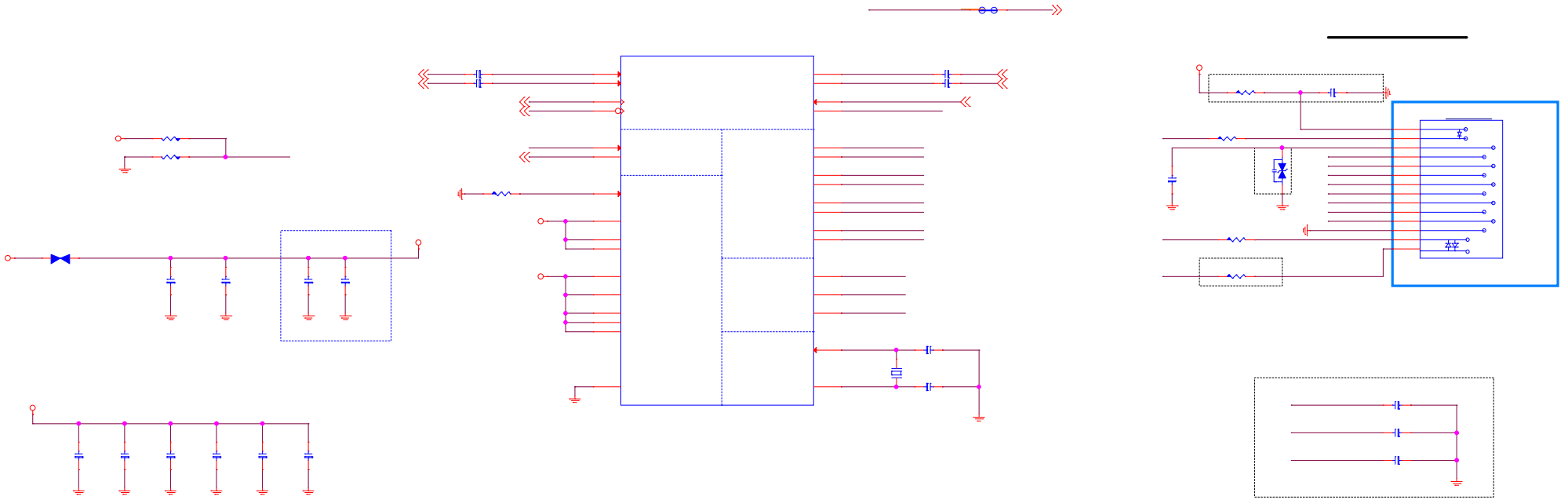




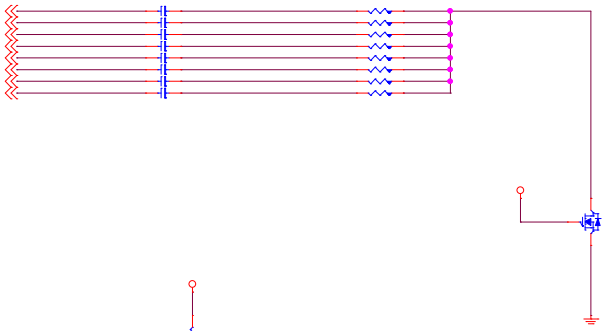


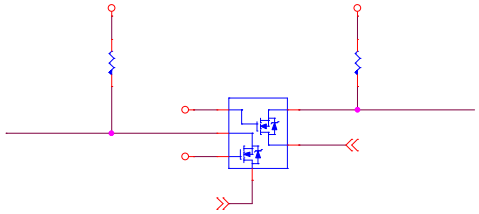


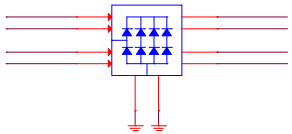


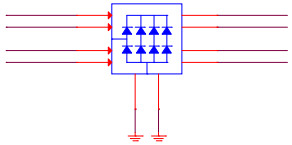


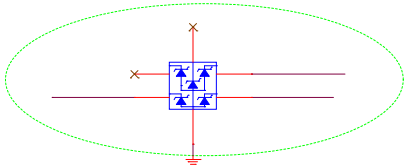


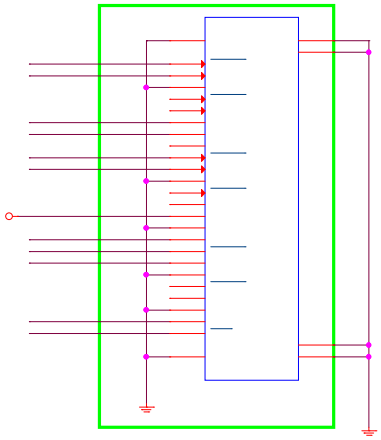


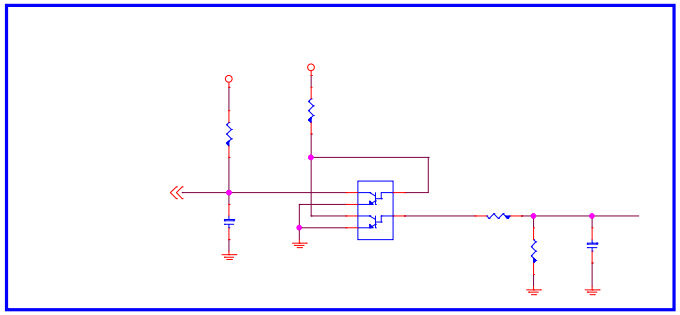


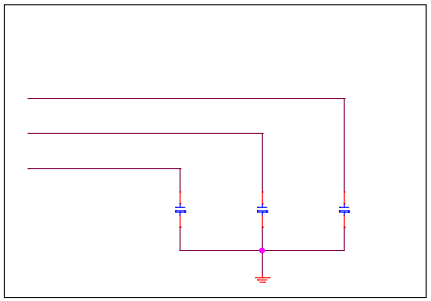


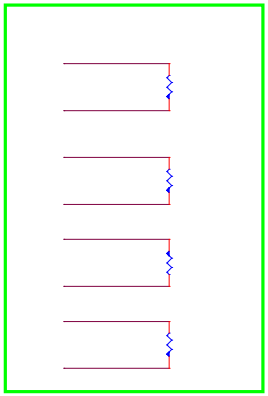


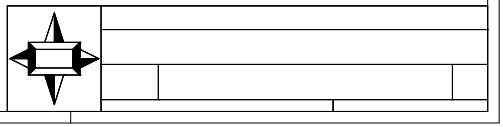


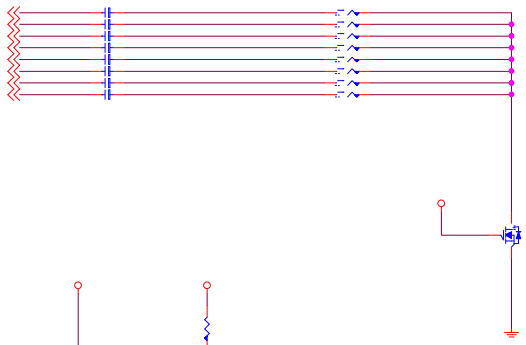


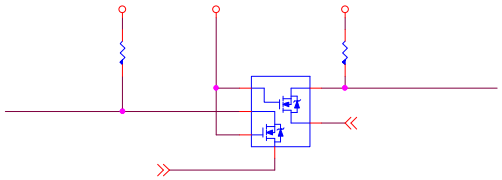


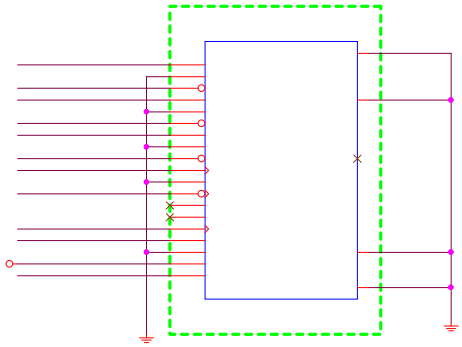


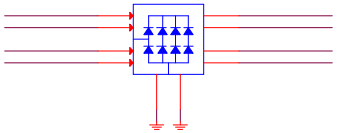


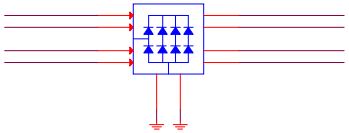


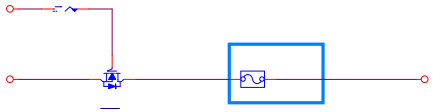


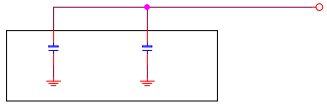


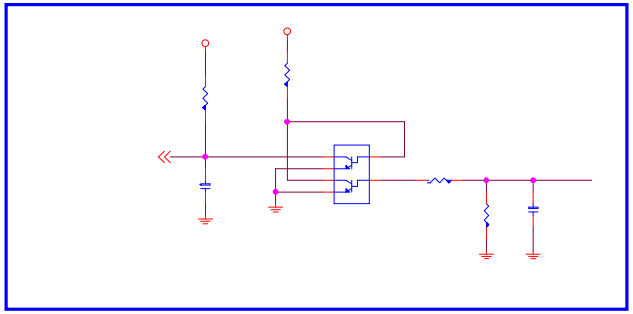


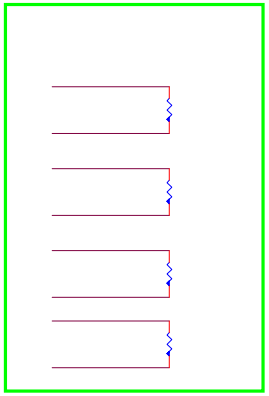


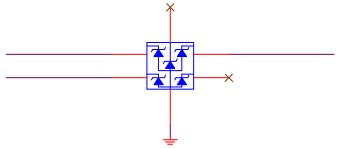


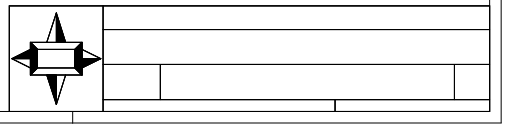


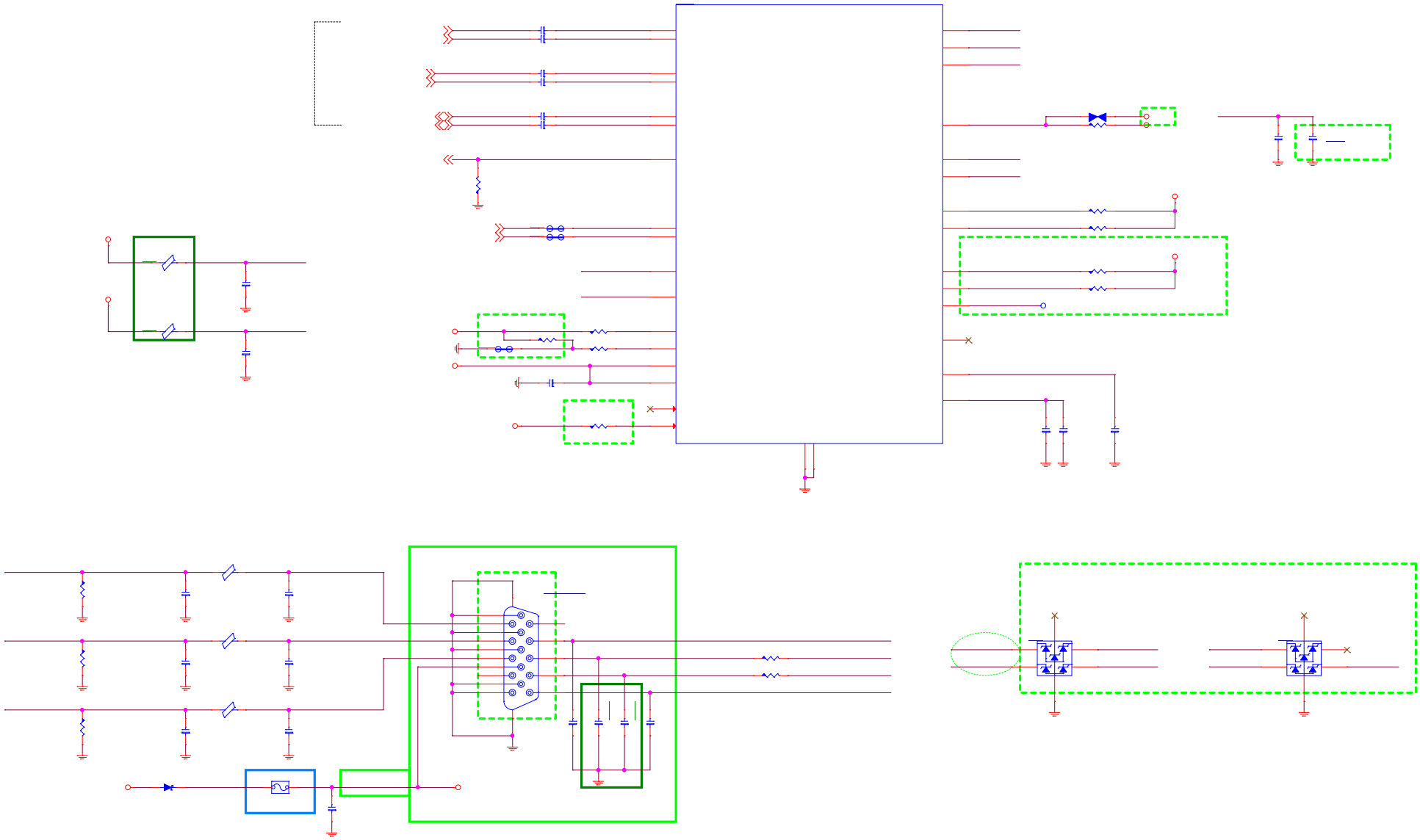




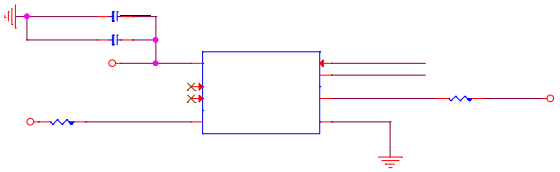


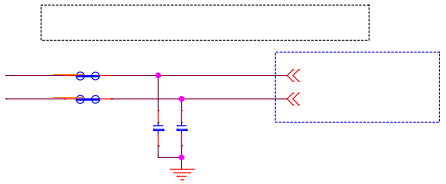


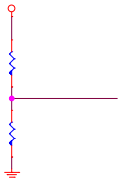


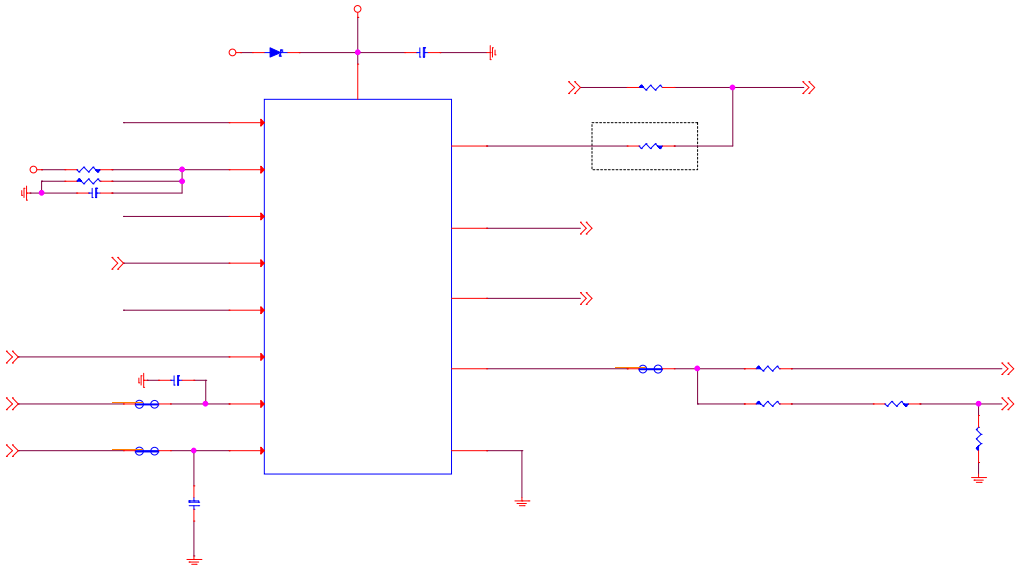


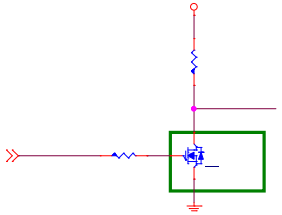
TEMPERATURE (℃)		T_CRIT#				
		2KΩ	7.5KΩ	10.5KΩ	14KΩ	18.7KΩ
ALERT#	2KΩ	77	87	97	107	117
	7.5KΩ	79	89	99	109	119
	10.5KΩ	81	91	101	111	121
	14KΩ	83	93	103	113	123
	18.7KΩ	85	95	105	115	125

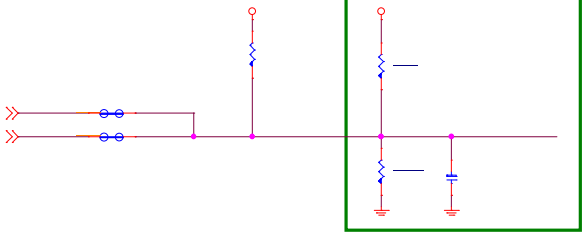


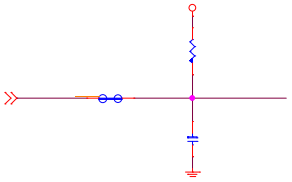


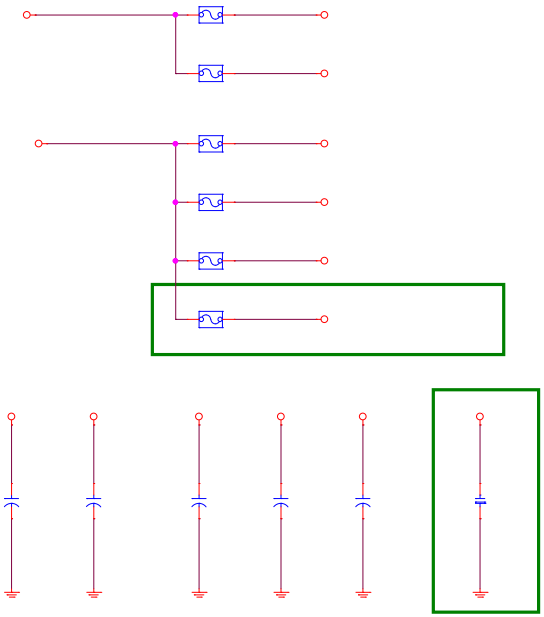


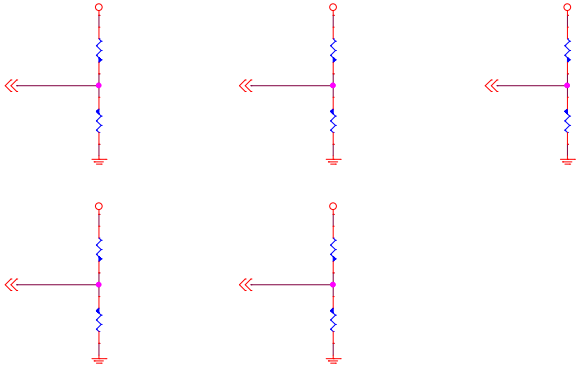


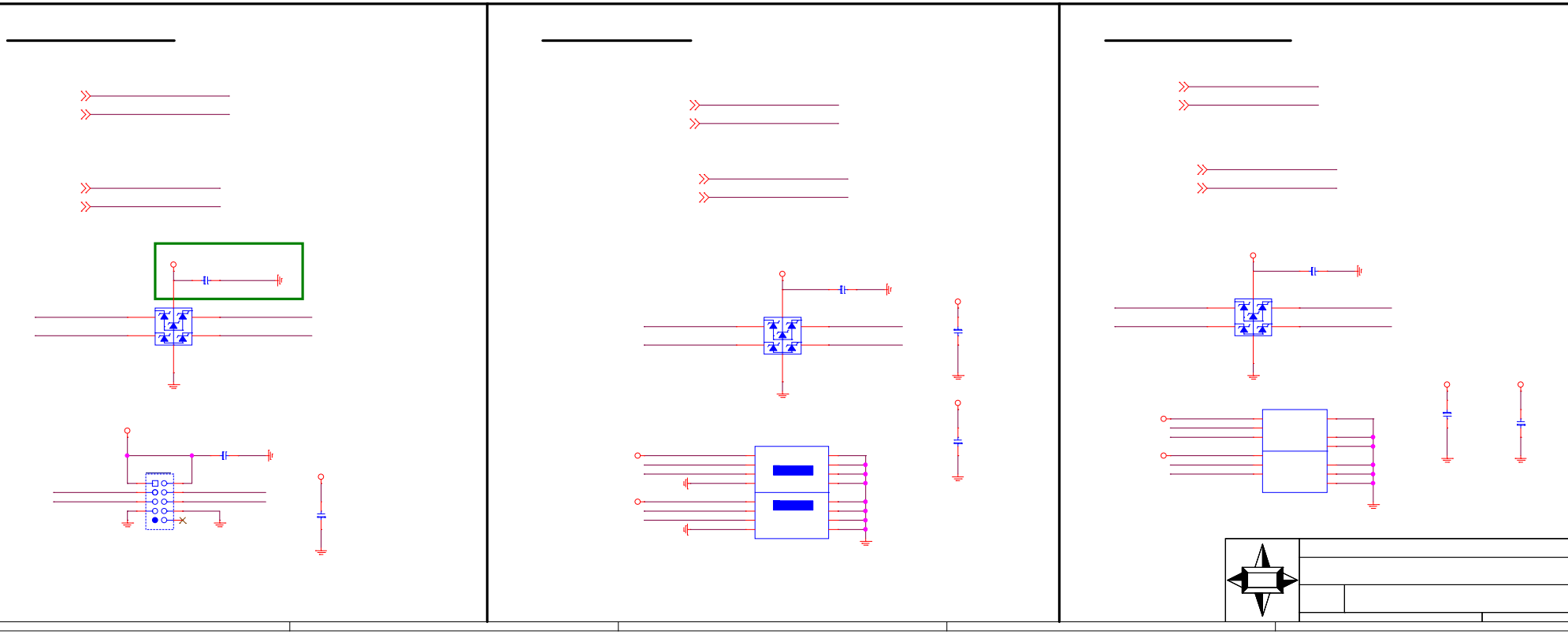


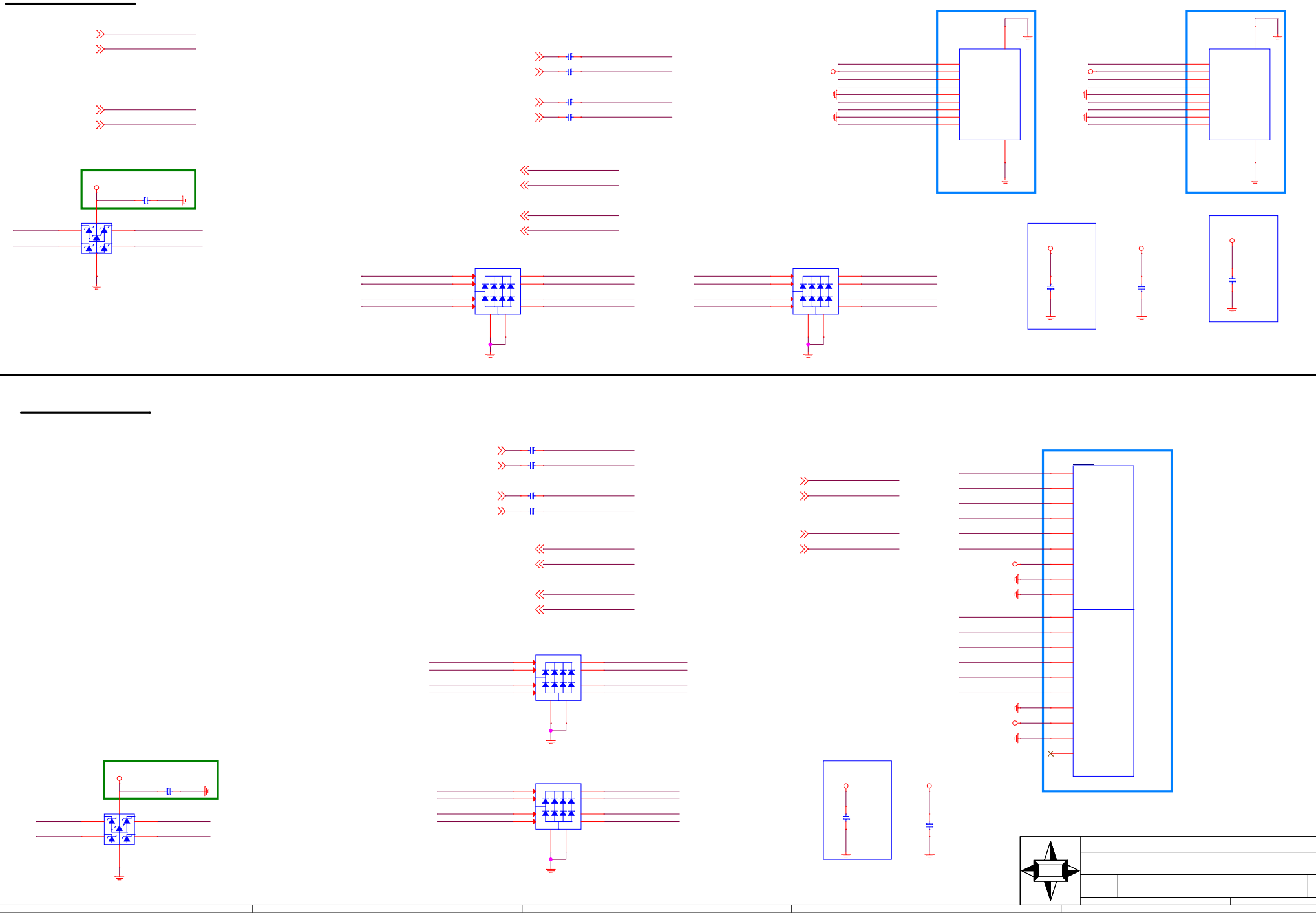


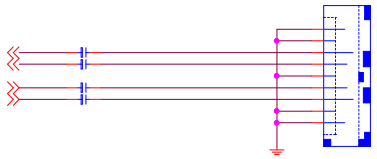


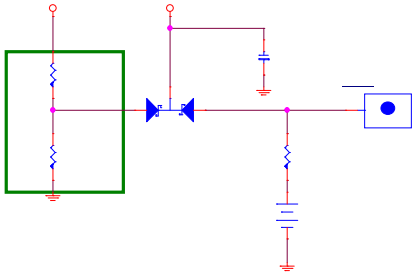


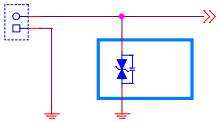


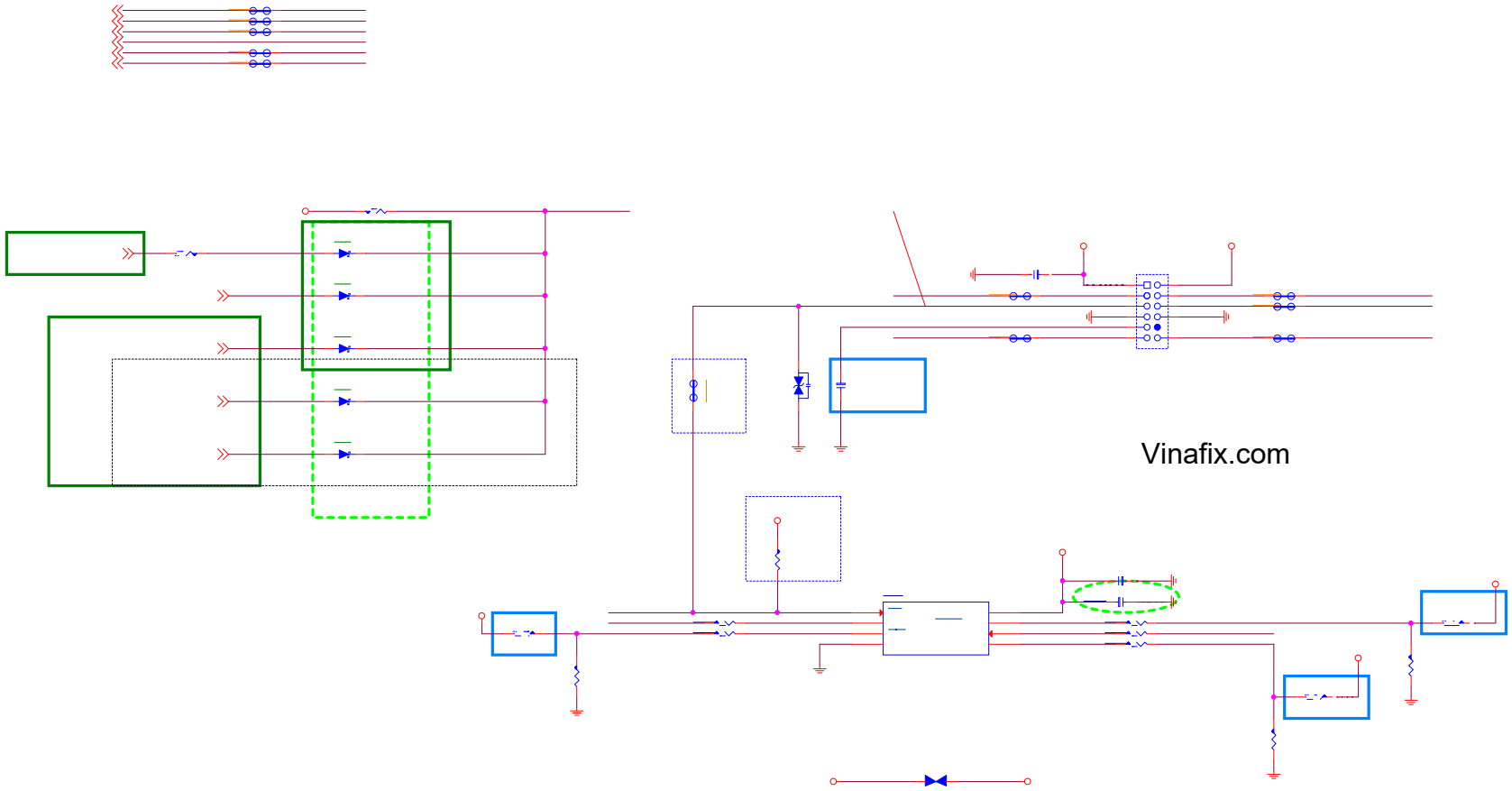








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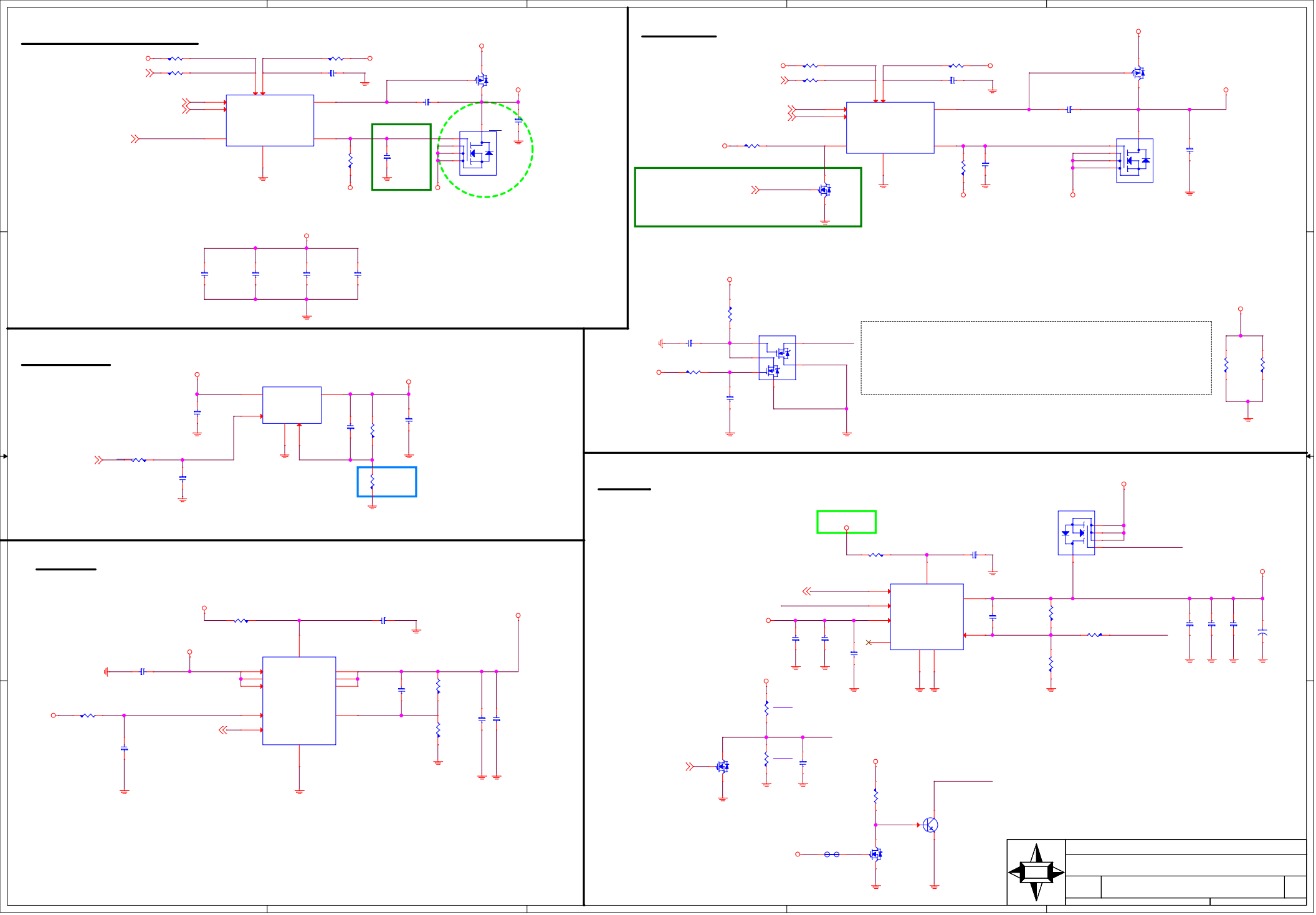

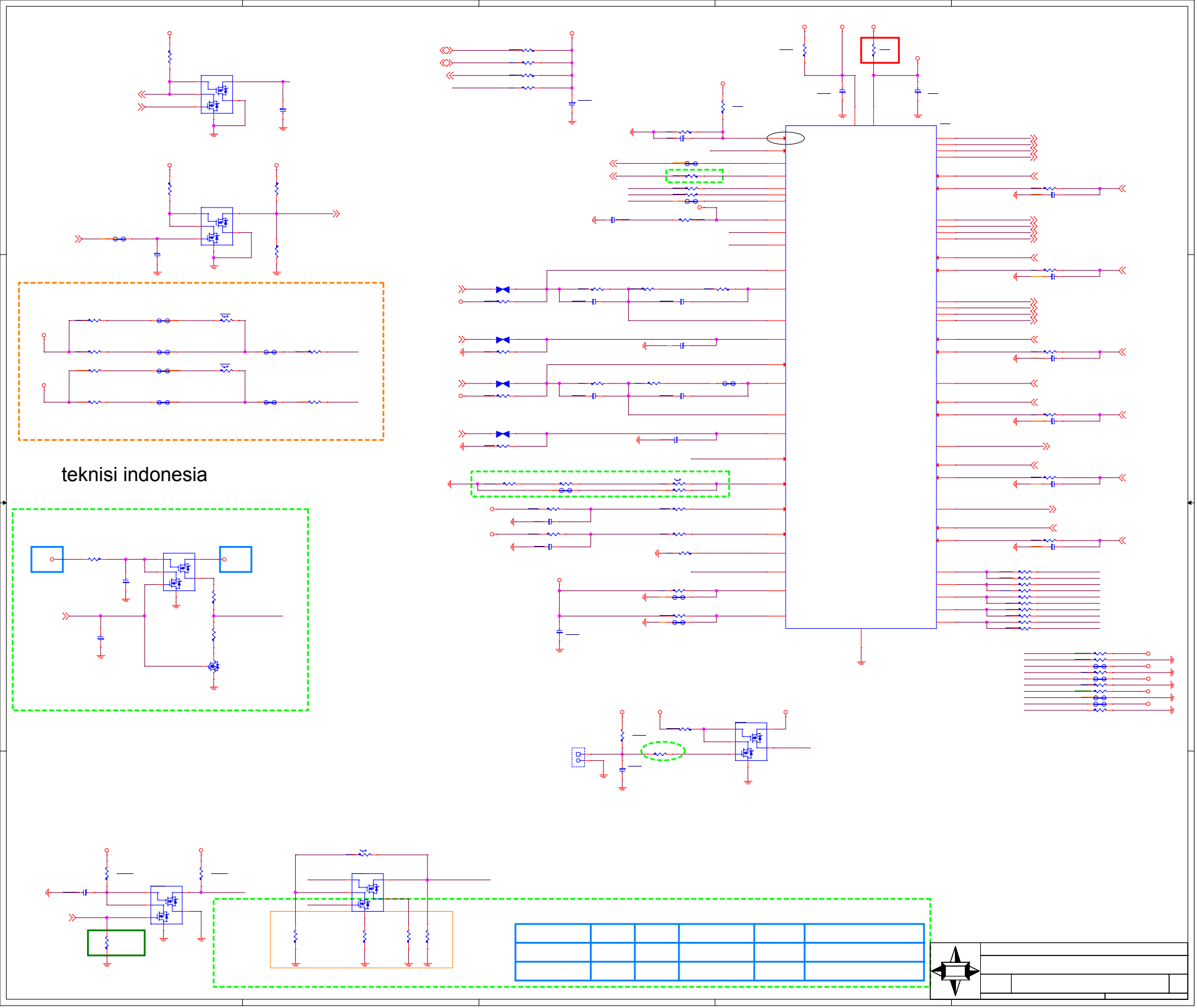
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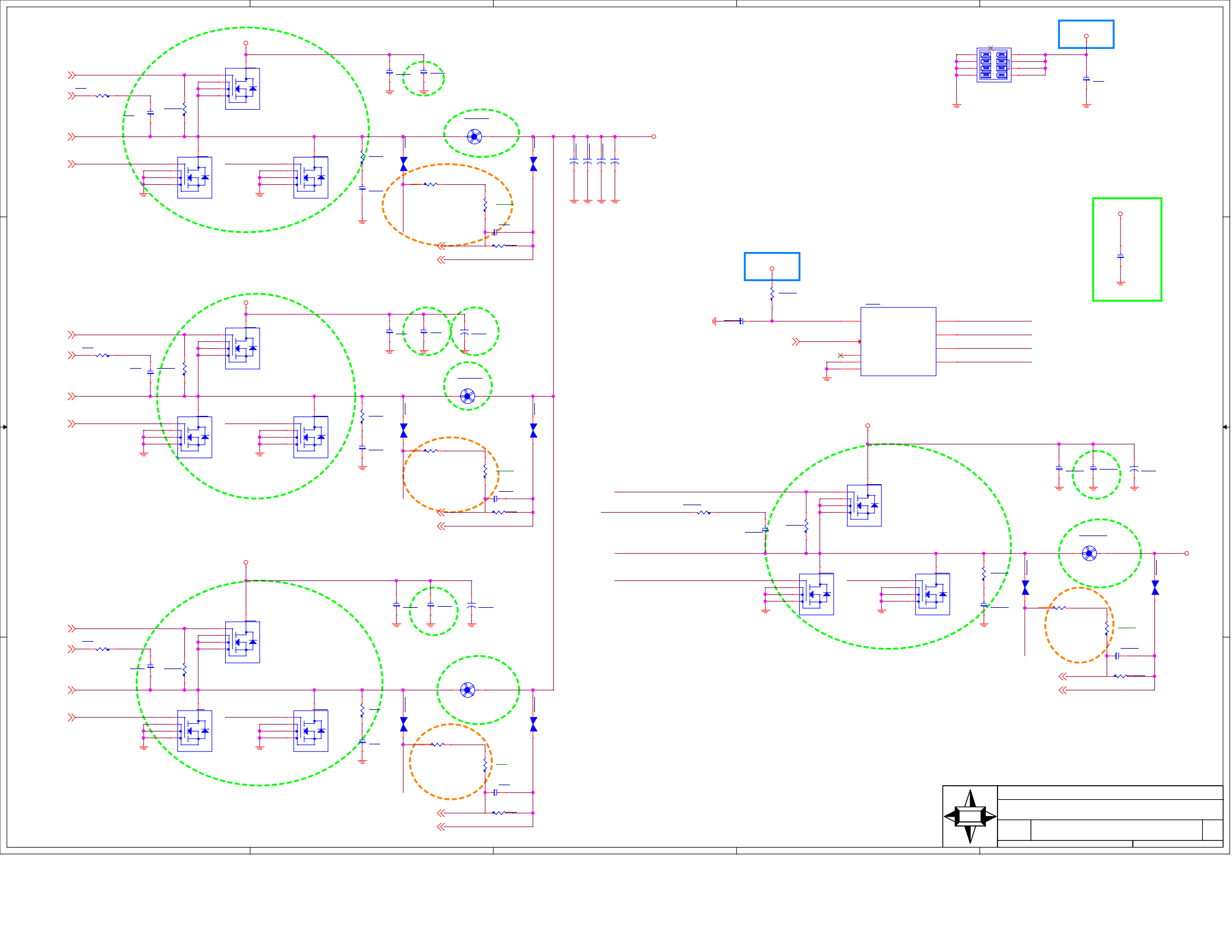

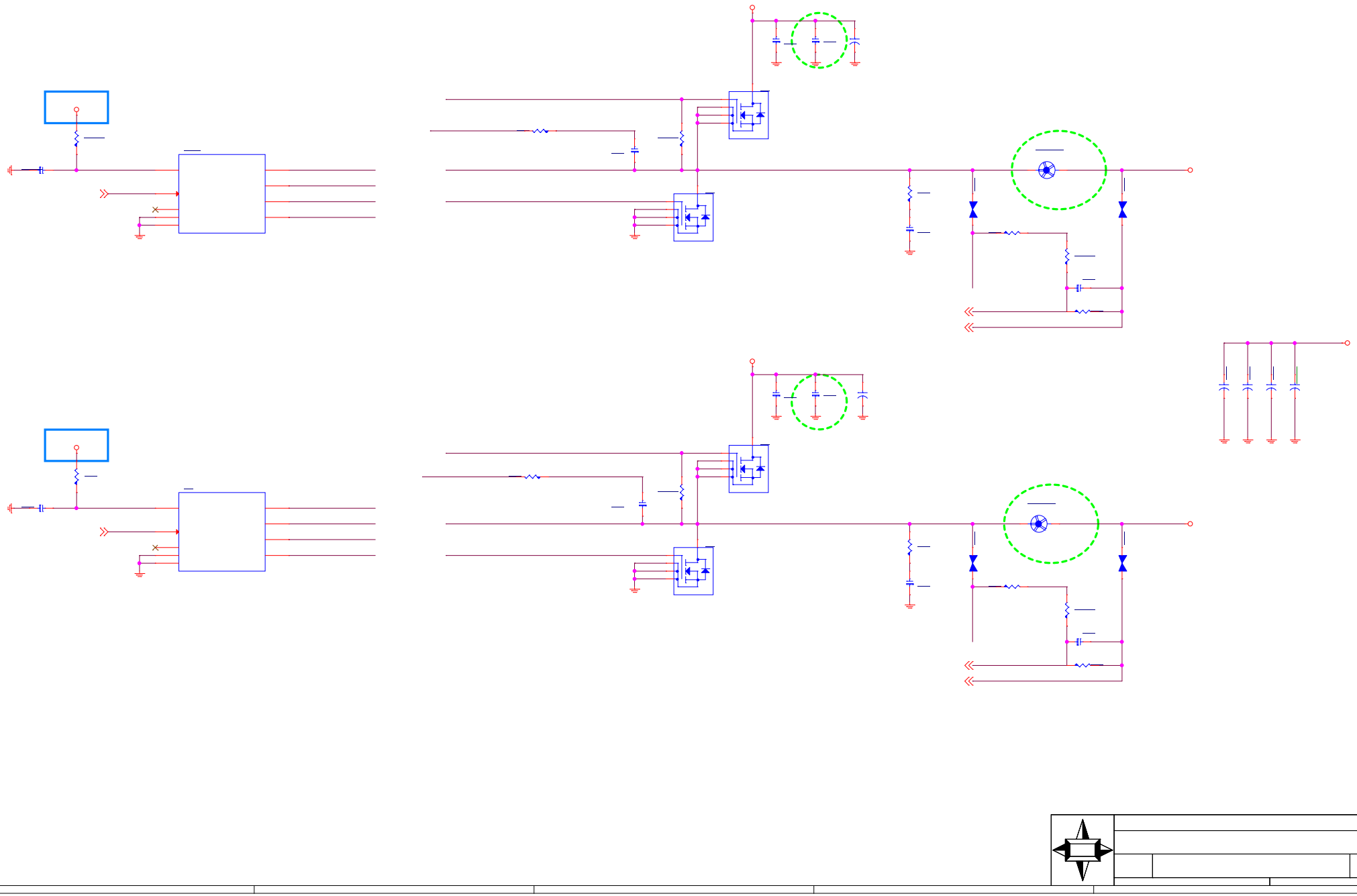

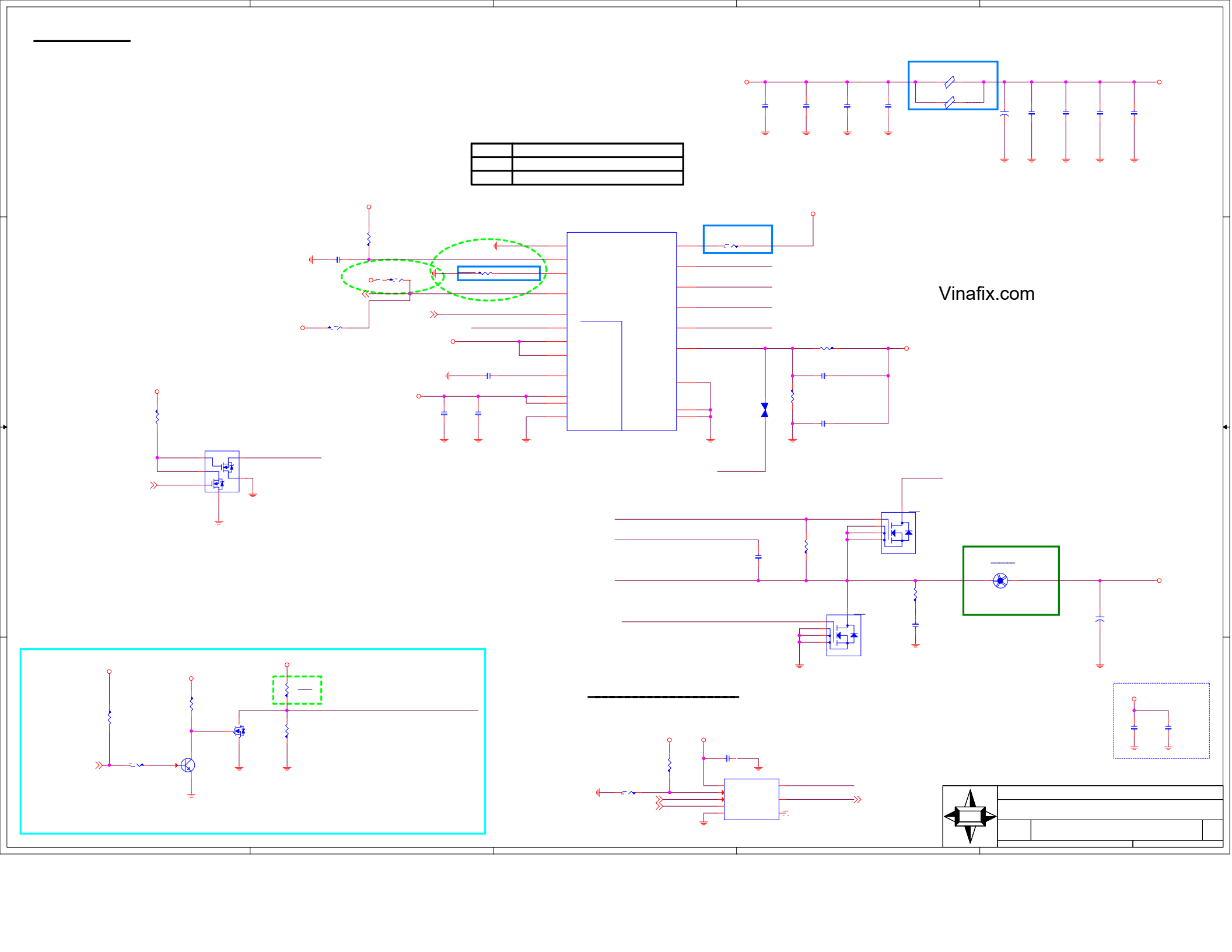
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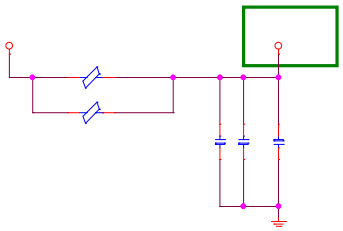
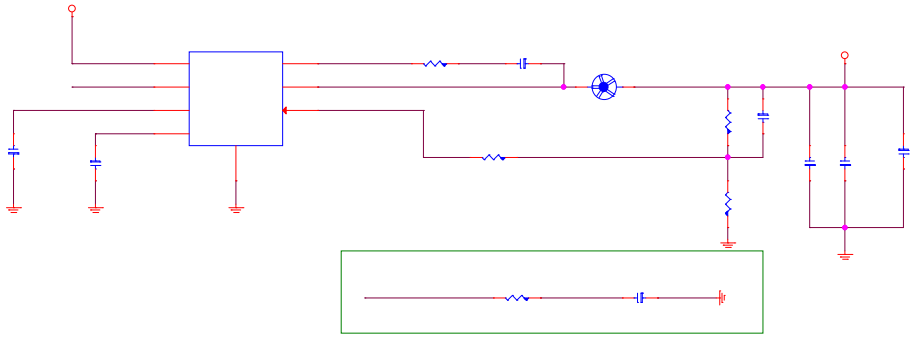
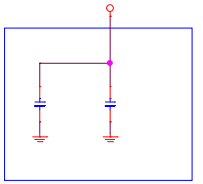
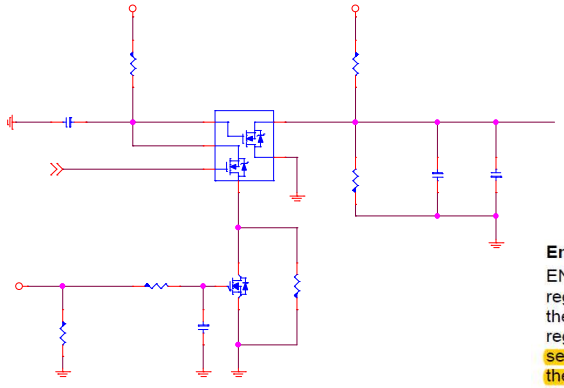
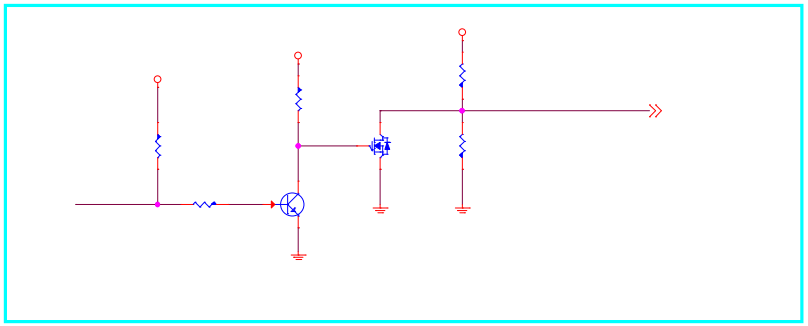










Enable (EN) Control

EN is a digital control pin that turns the regulator on and off. Drive EN high to turn on the regulator. Drive EN low to turn off the regulator. EN is clamped internally using a 2.8V series Zener diode (see Figure 2). Connecting the EN input through a pull-up resistor to V_{IN} limits the EN input current below 40µA to prevent damage to the Zener diode. For example, when connecting a 604kΩ pull-up resistor to 12V VIN, I_{Zener} = (12V - 2.8V) / (604kΩ + 35kΩ) = 14µA.

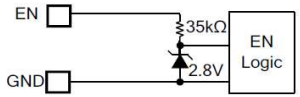
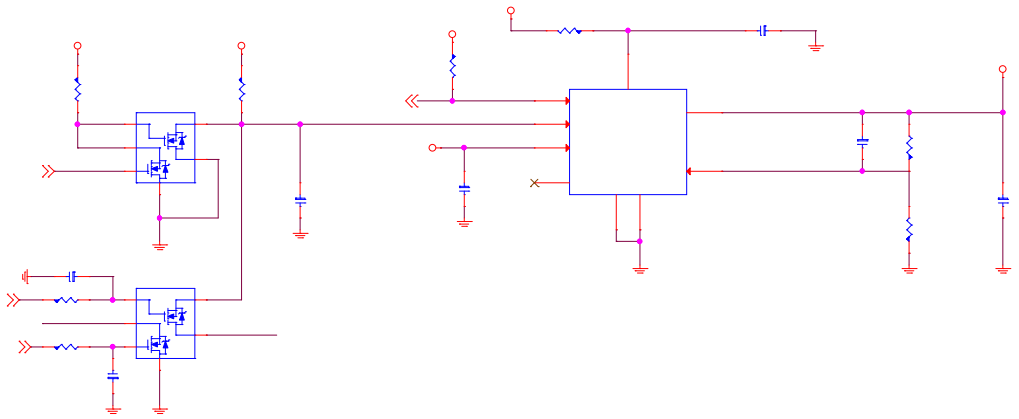
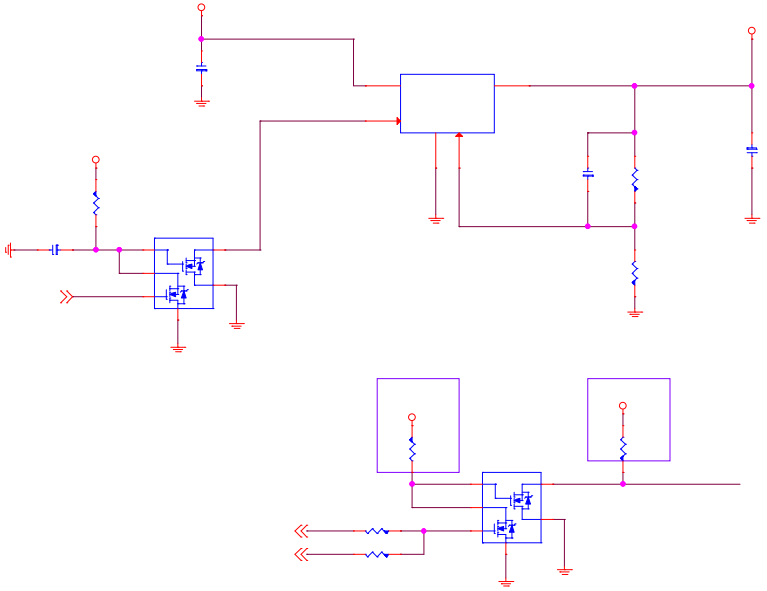
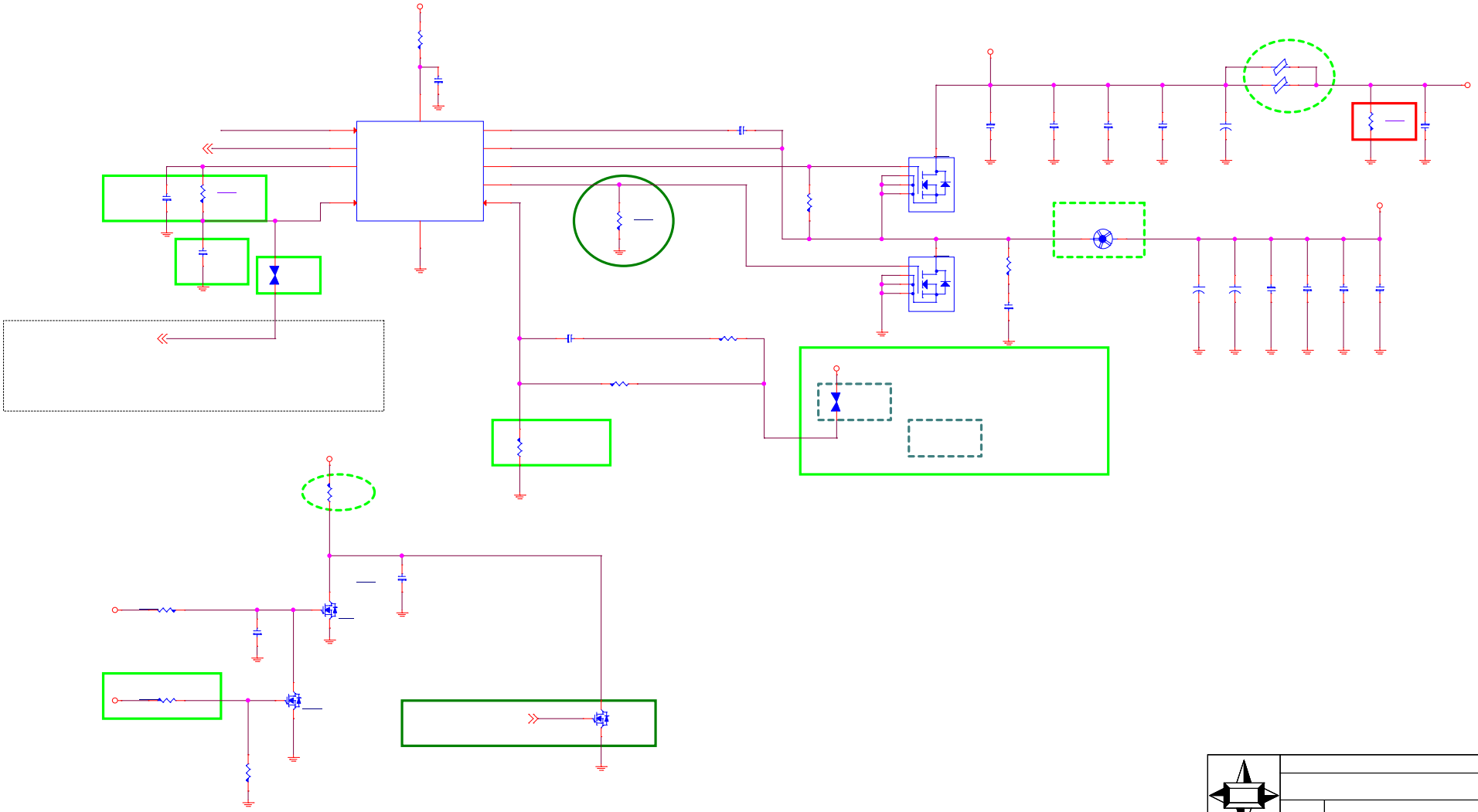
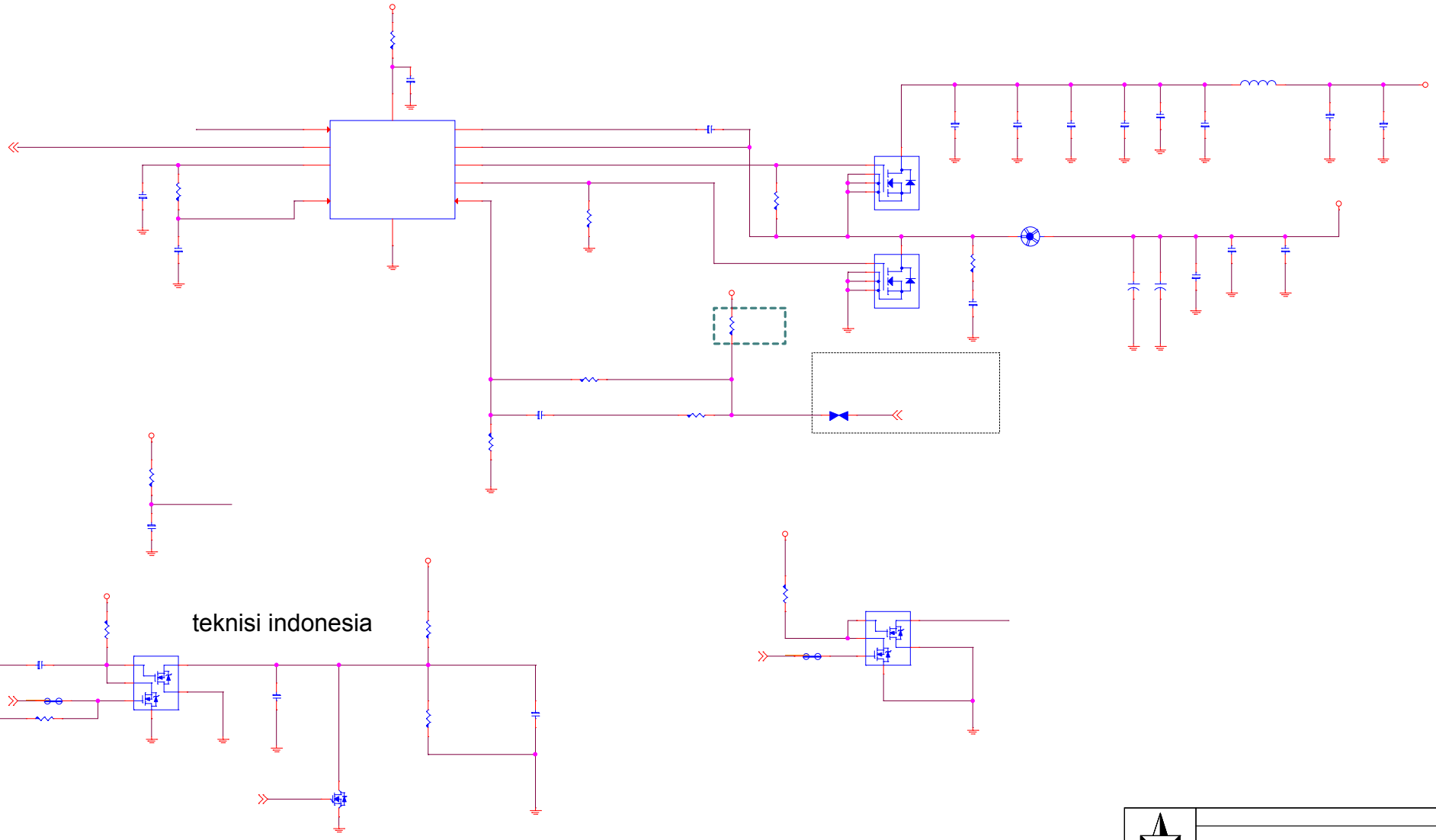


Figure 2: Zener Diode between EN and GND





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