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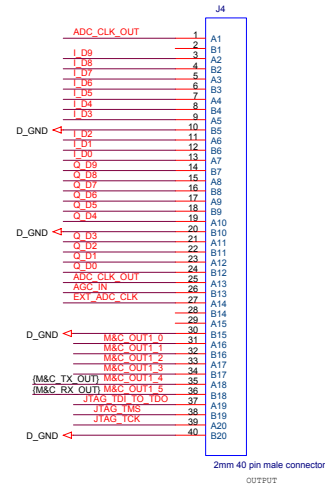
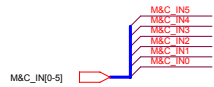
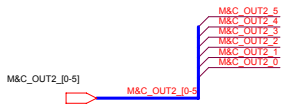
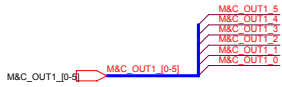
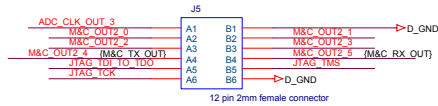
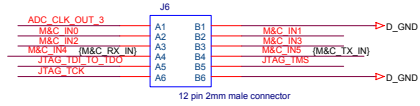
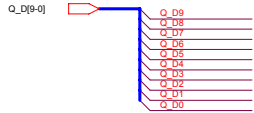
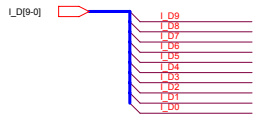
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- CONNECTOR..... 2
- IF..... 3
- DEMODULATOR..... 4
- ADC..... 5
- CLOCK..... 6
- FREQ SYNTH..... 7
- MICRO..... 8
- POWER..... 9
- LAYOUT..... 10

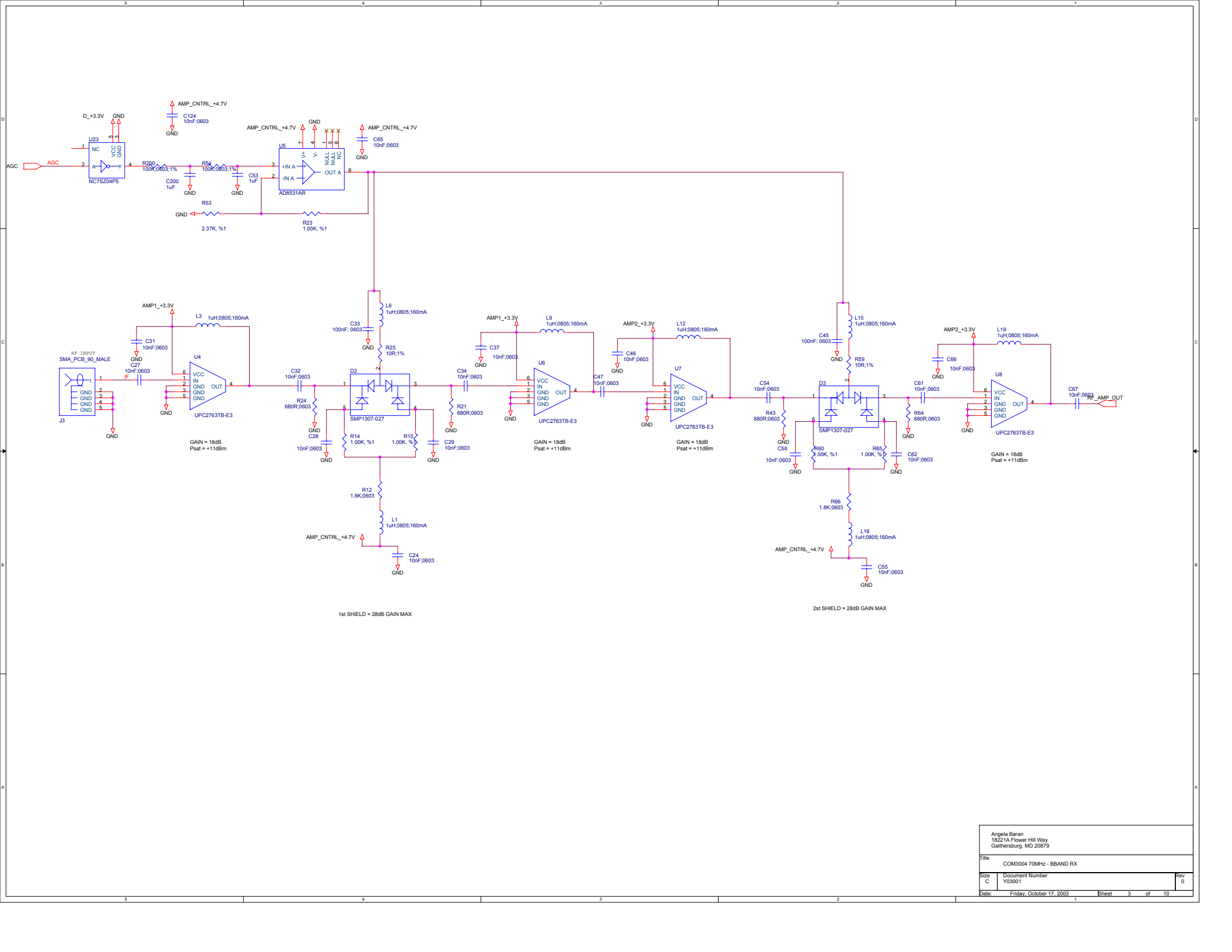
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AGC\_IN ← AGC\_IN

ADC\_CLK\_OUT ← ADC\_CLK\_OUT

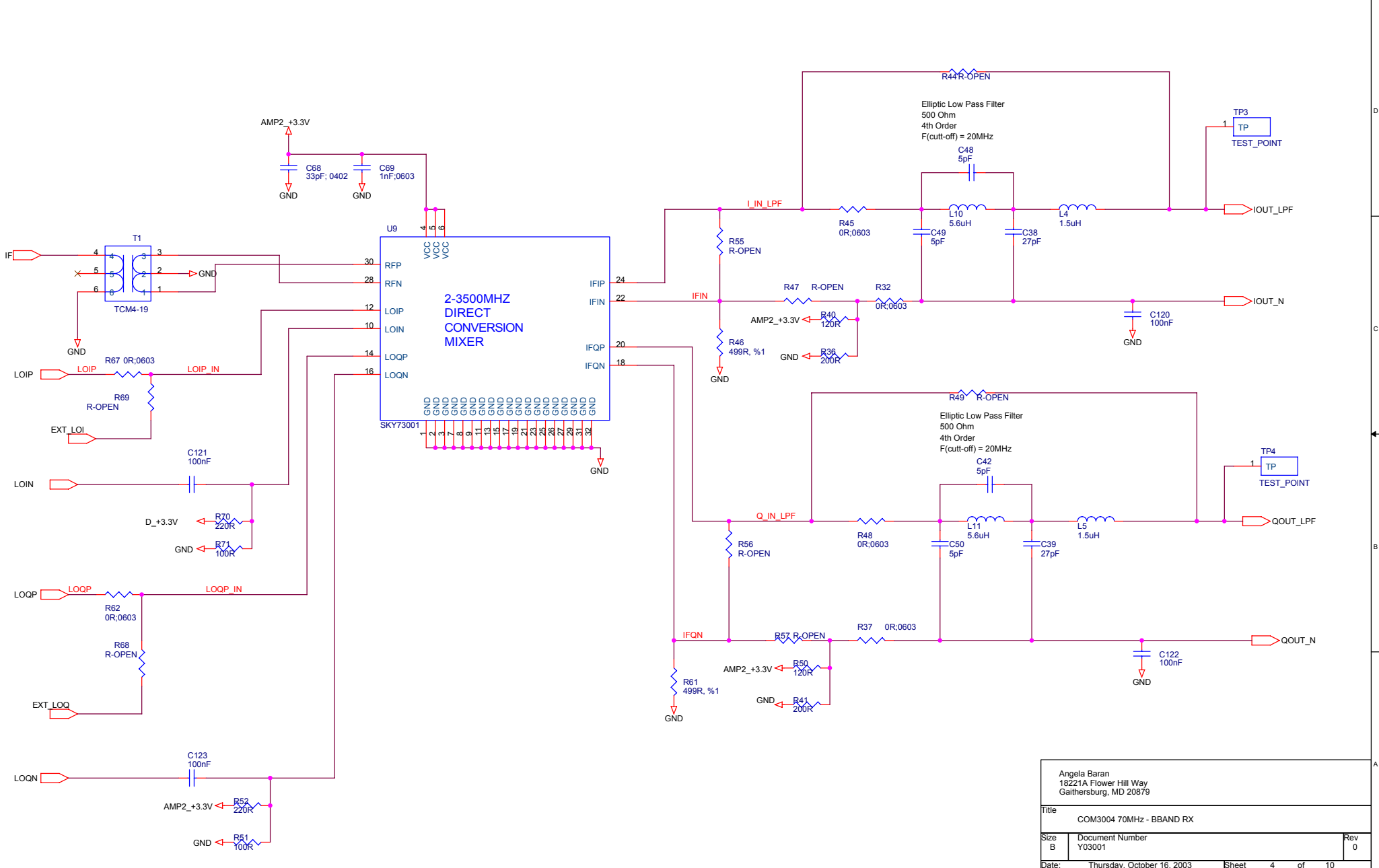




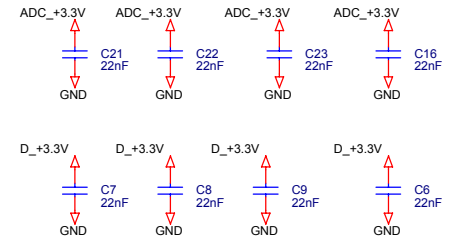
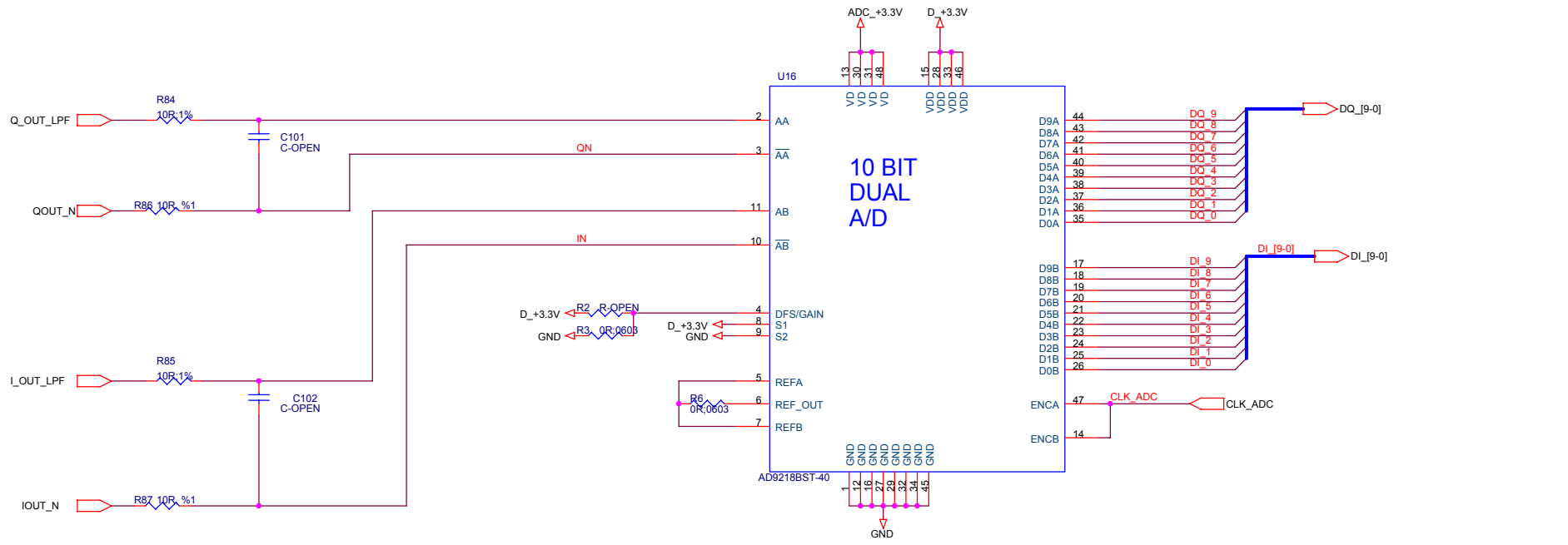
1st SHIELD = 28dB GAIN MAX

2nd SHIELD = 28dB GAIN MAX

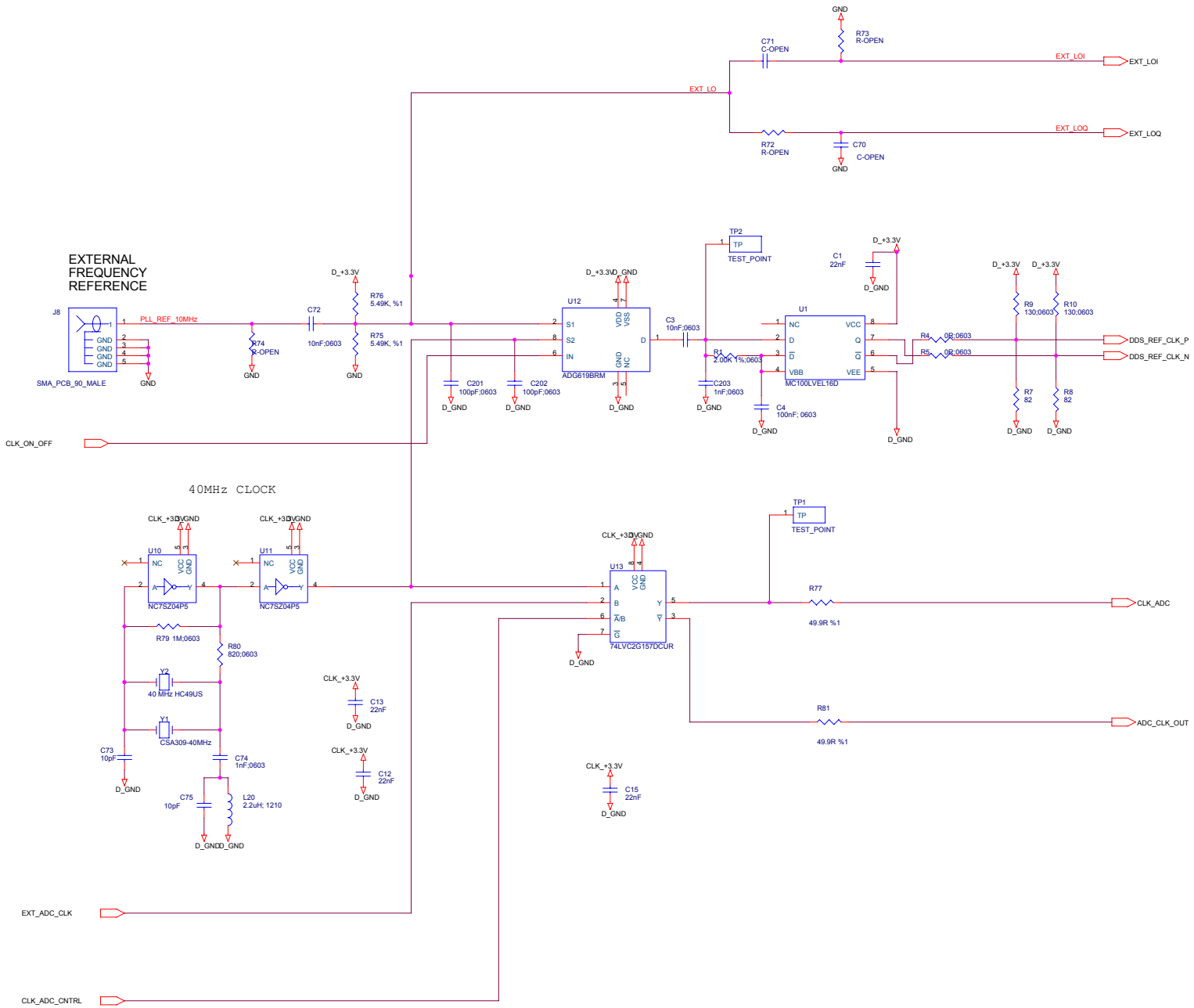
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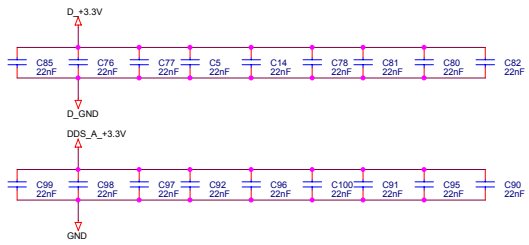
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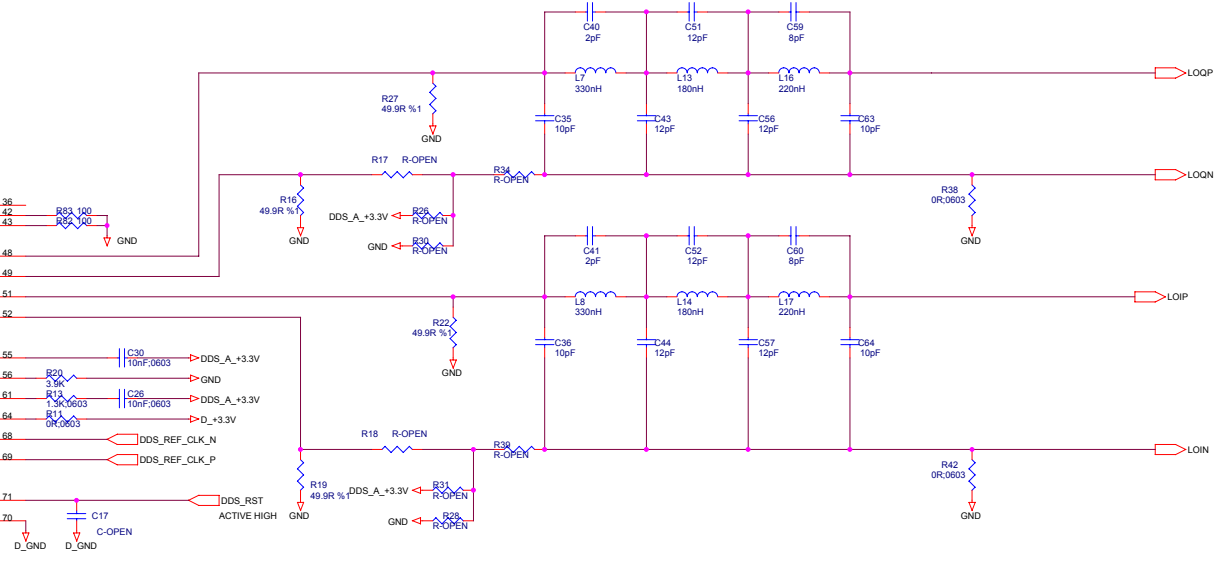
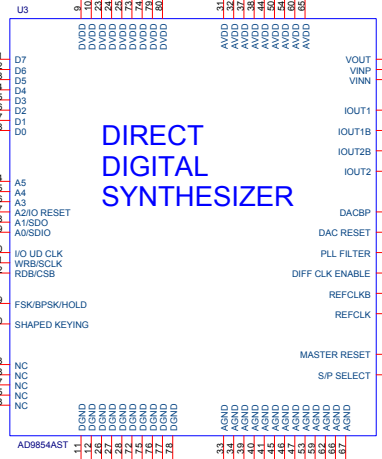


Mobile Satellite Services		
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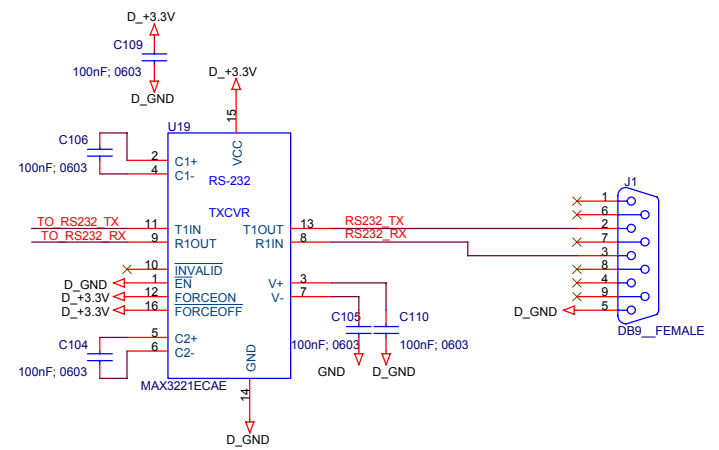
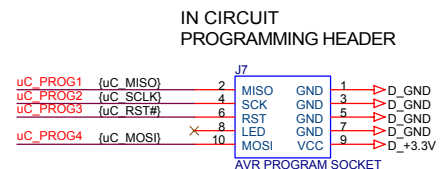
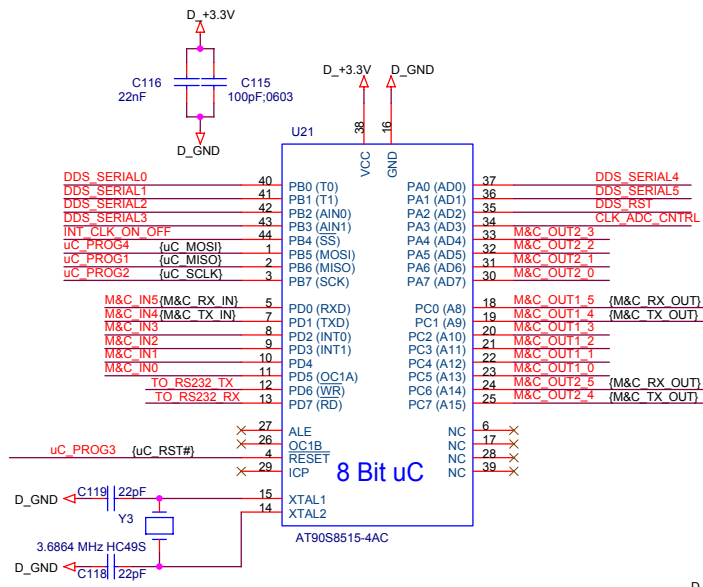
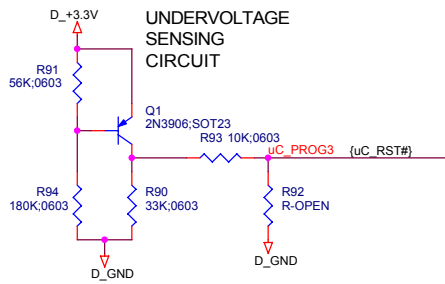
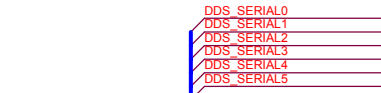
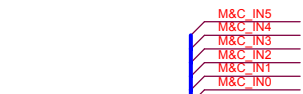
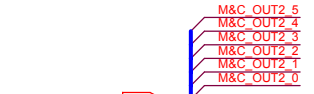
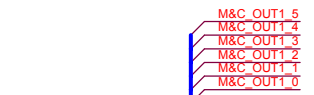


ELLIPTIC 7th ORDER LOWPASS FILTER  
 $F_c = 95\text{MHz}$

### DIRECT DIGITAL SYNTHESIZER



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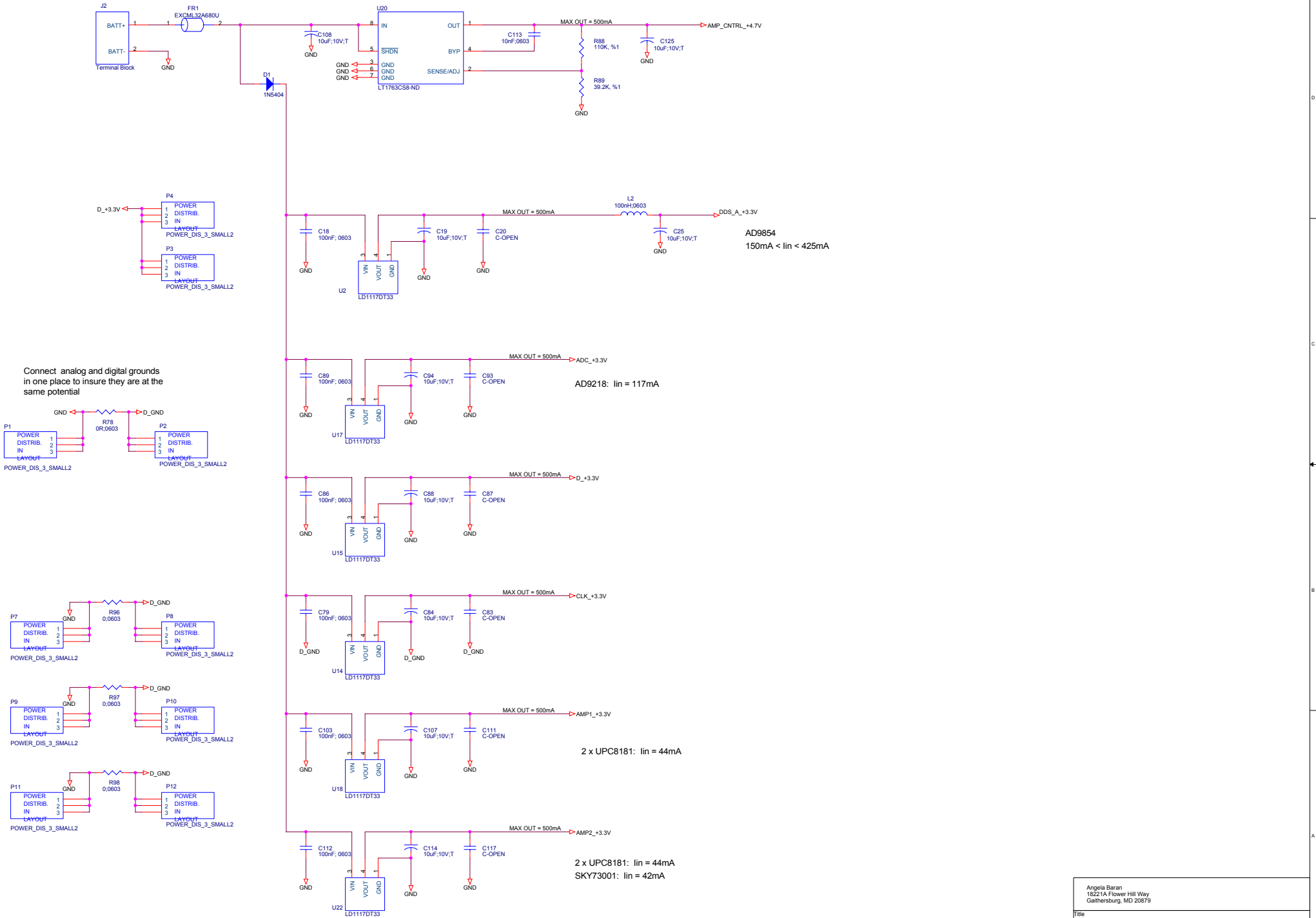
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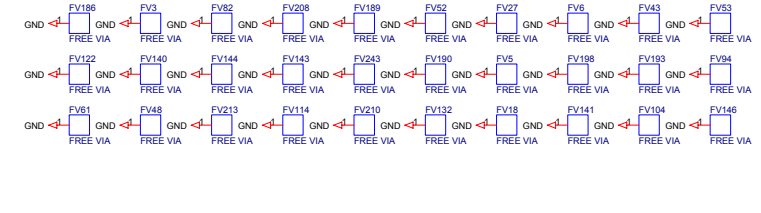
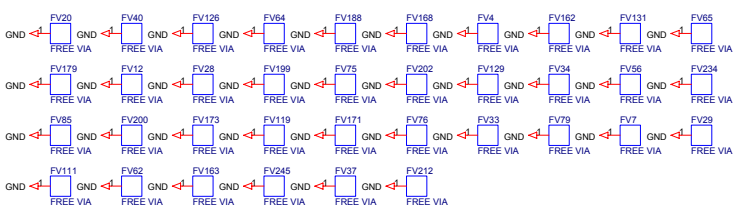
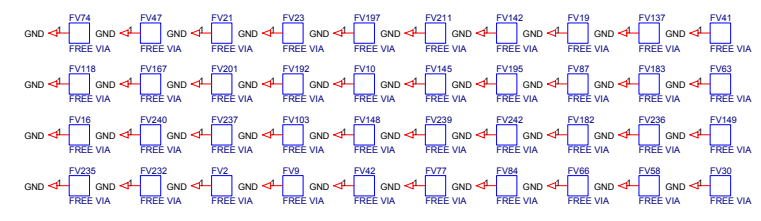
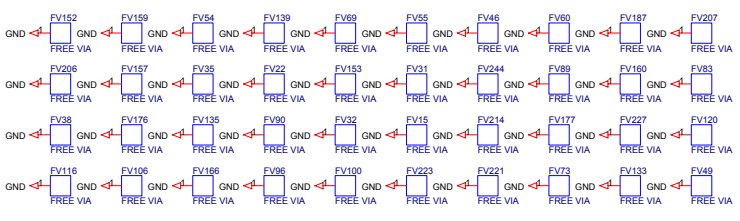
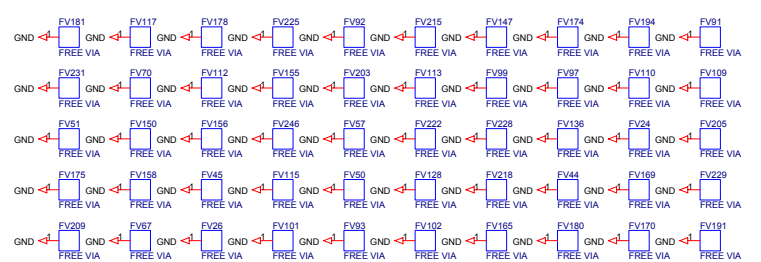
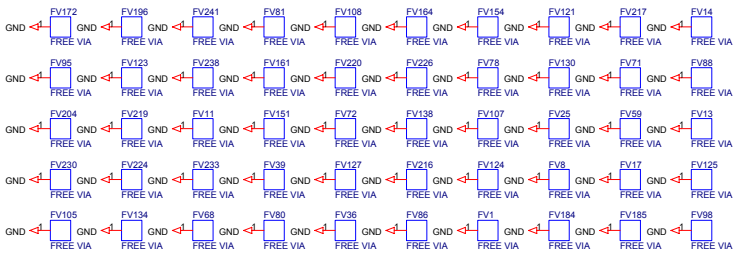
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**+5 V Supply**



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