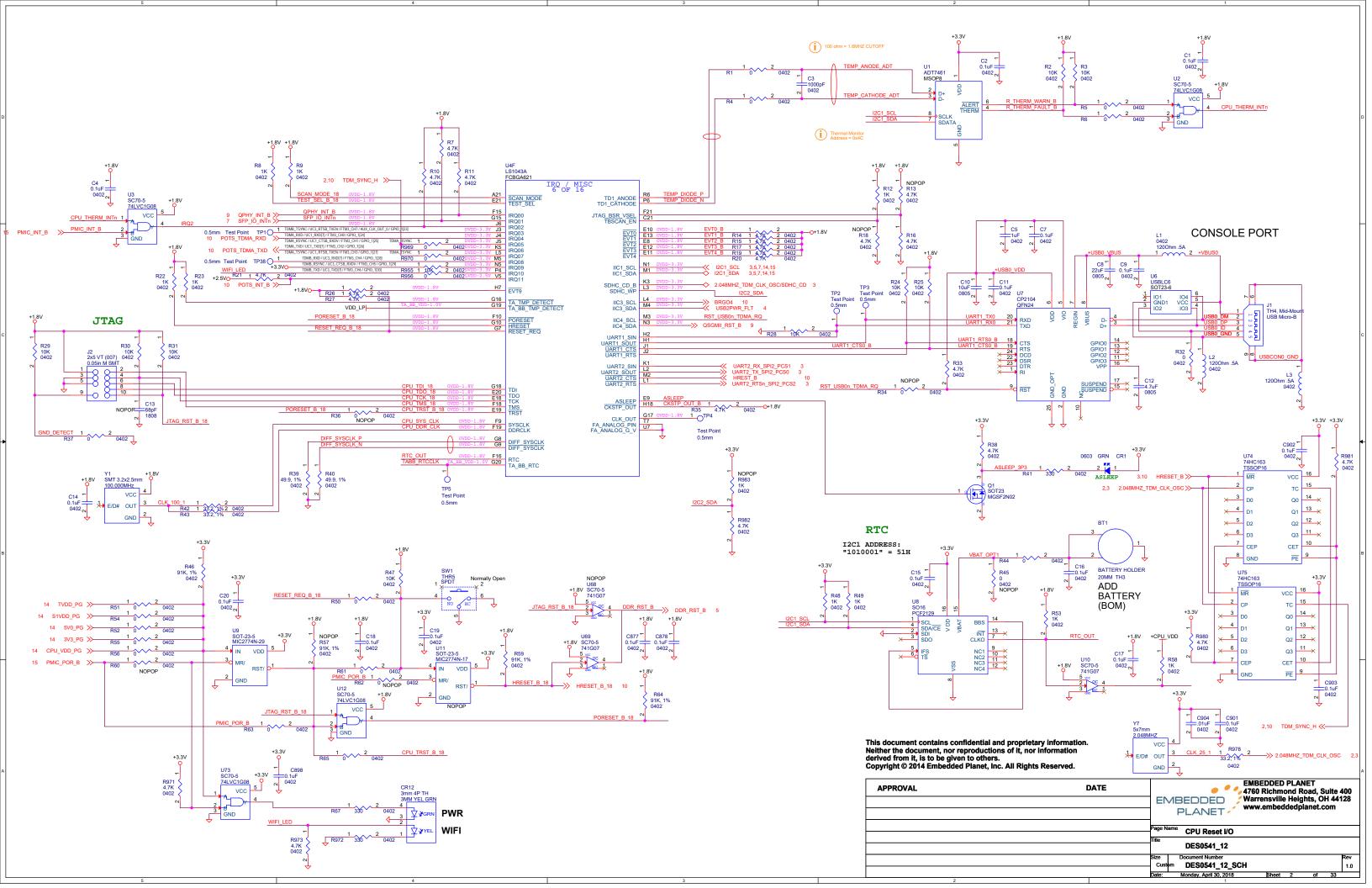
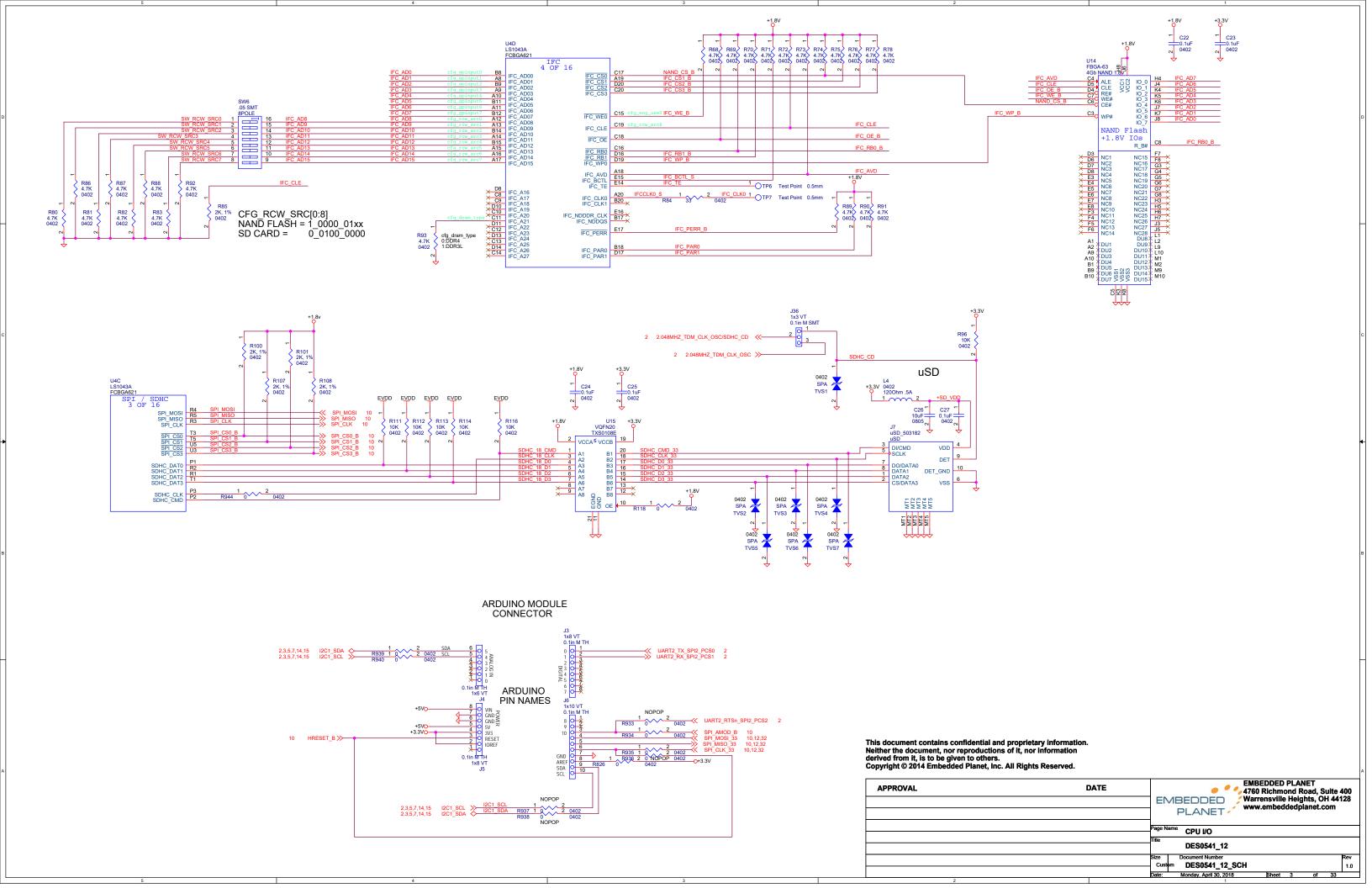
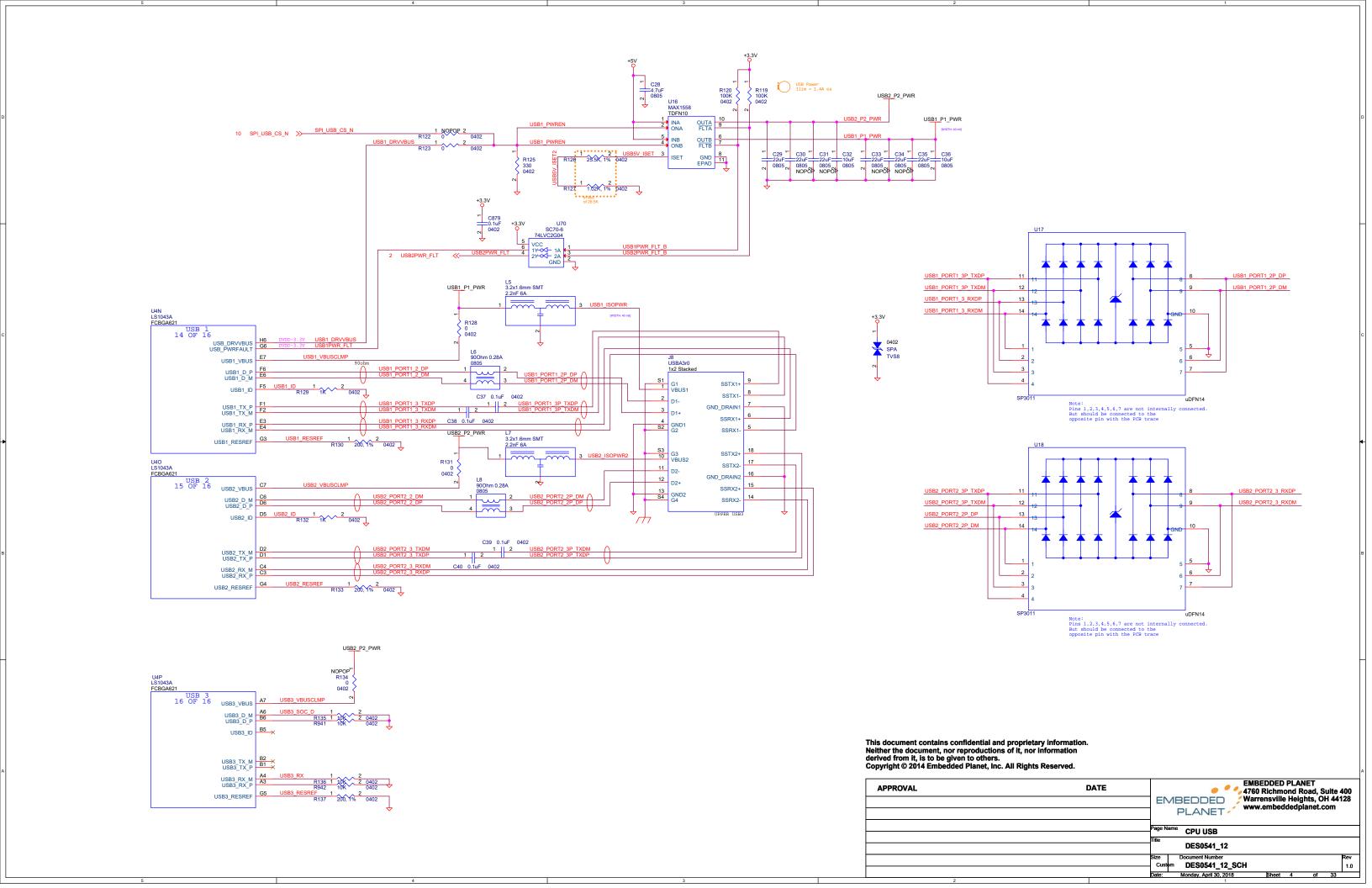
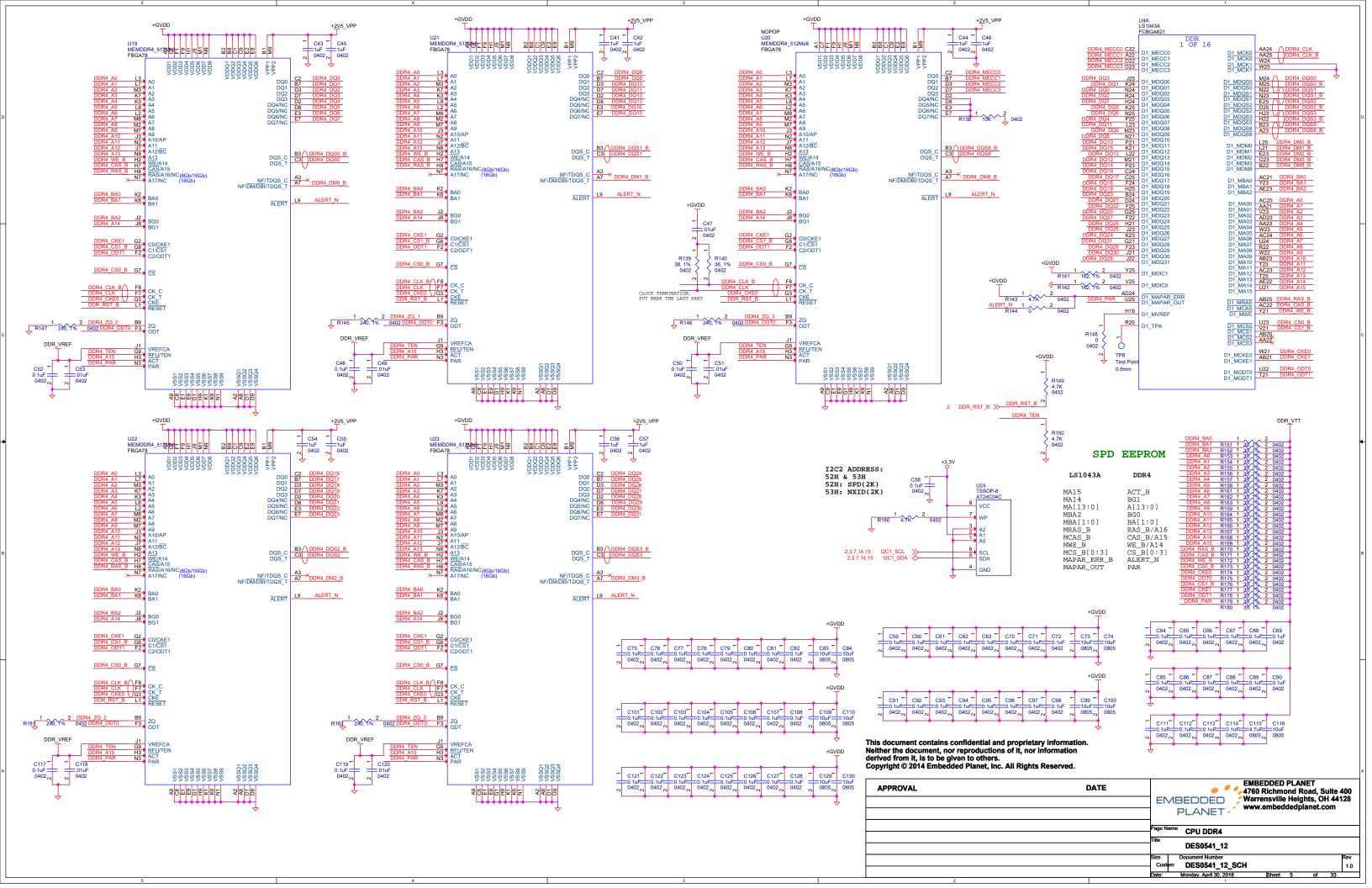


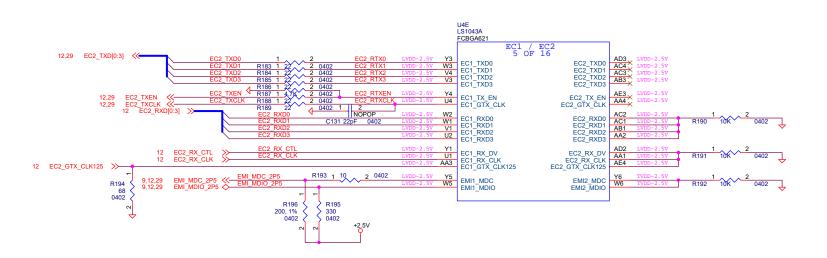
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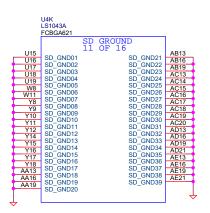




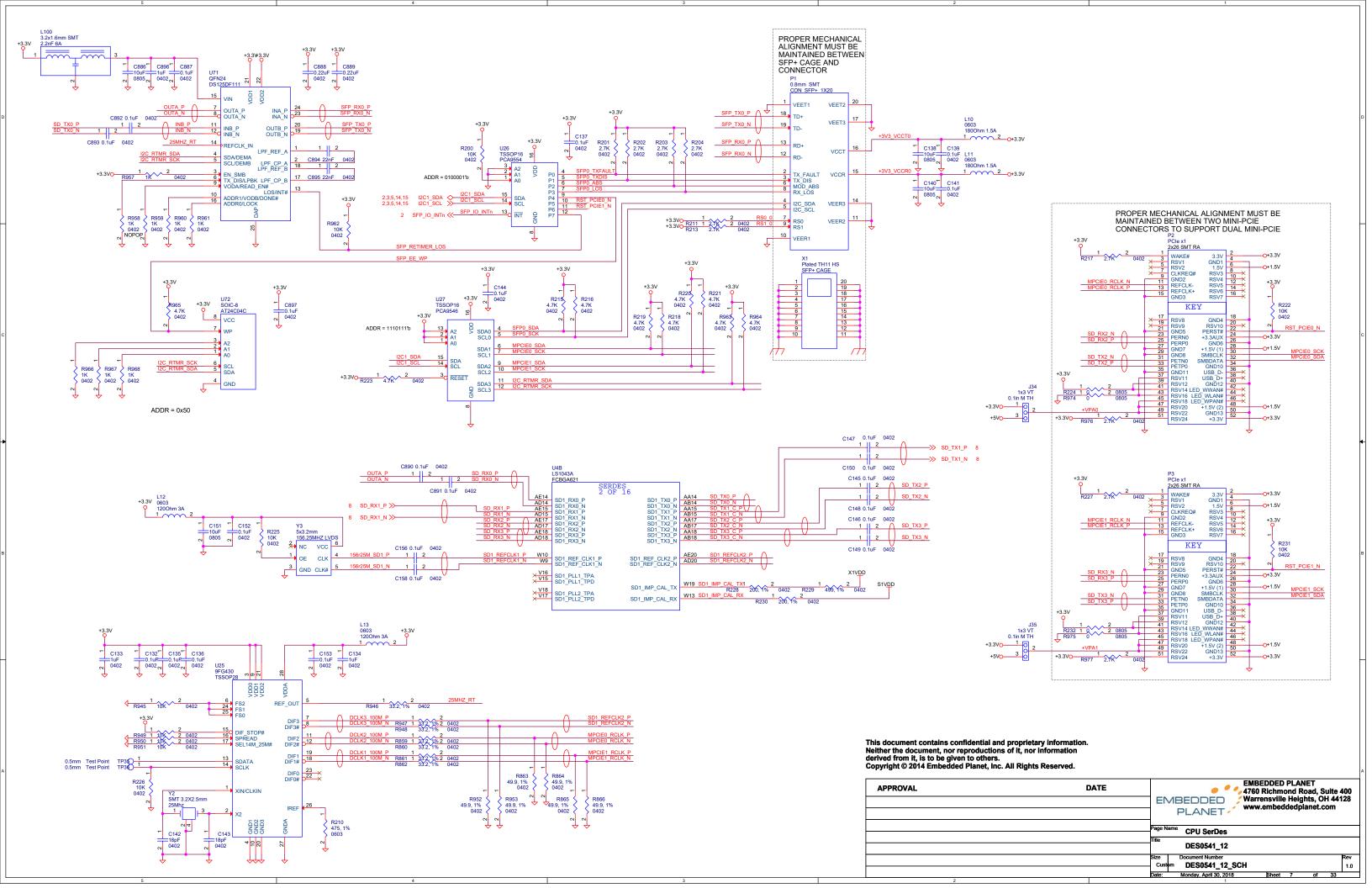


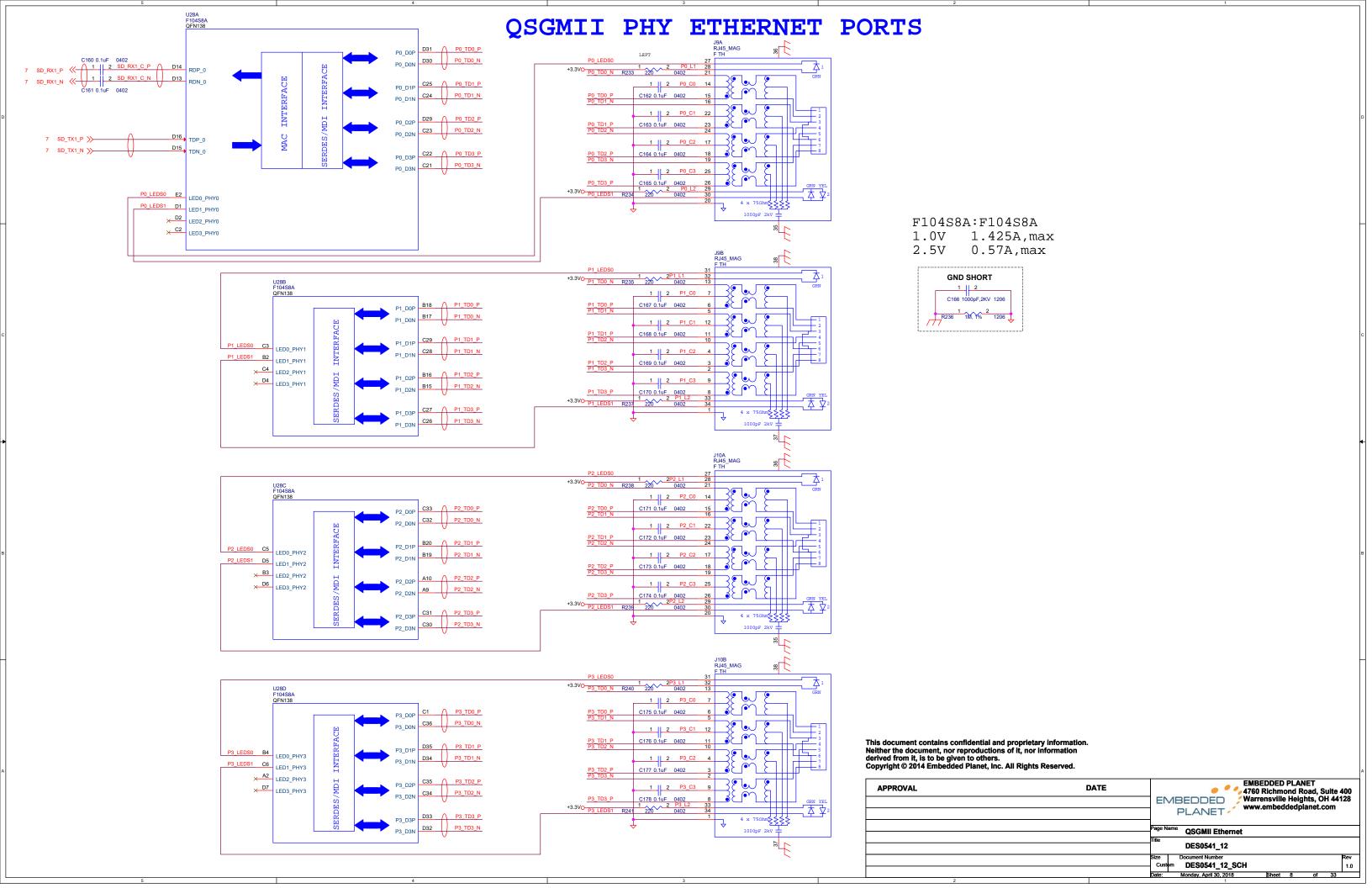






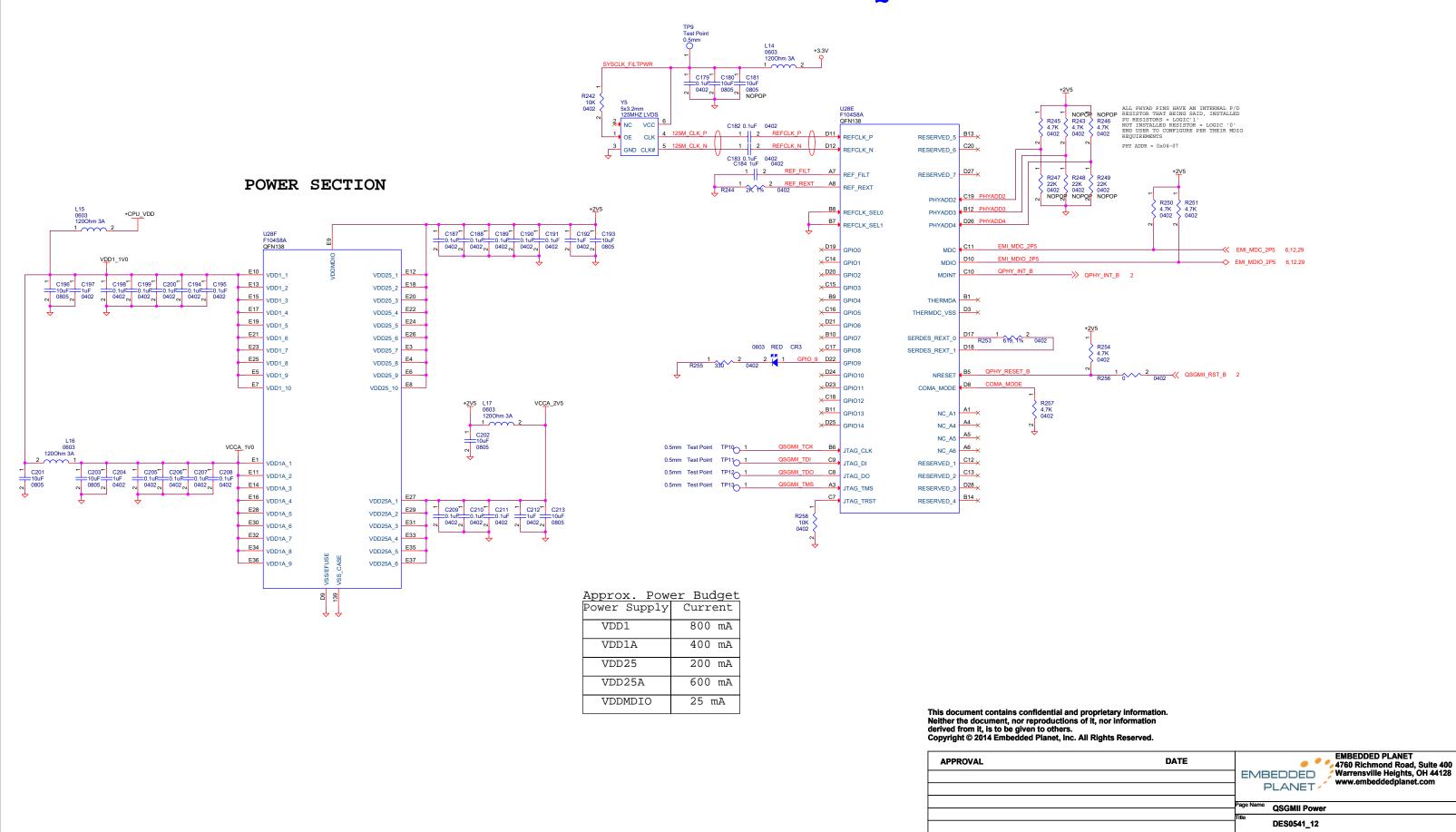
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		Date: Monday, April 30, 2018 Sheet 6 of 33
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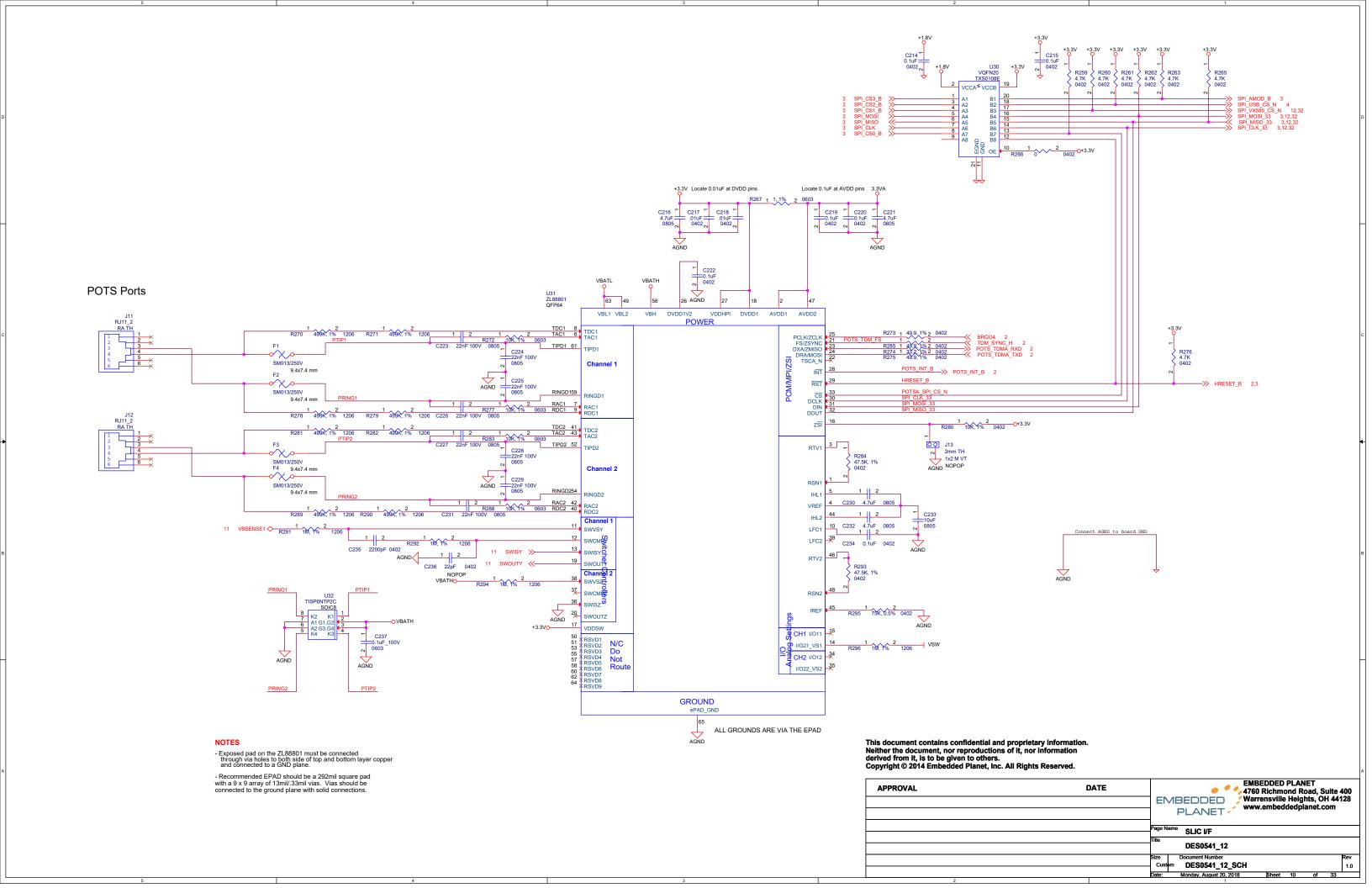


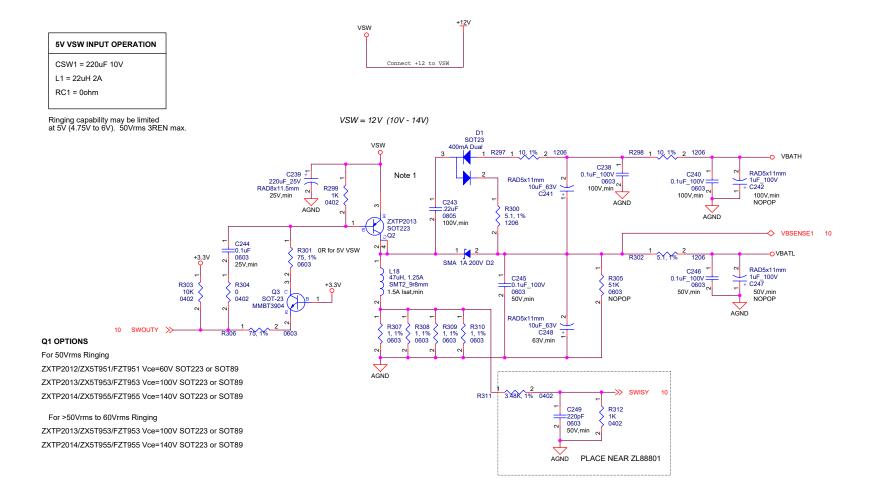


QSGMII CONFIG & POWER

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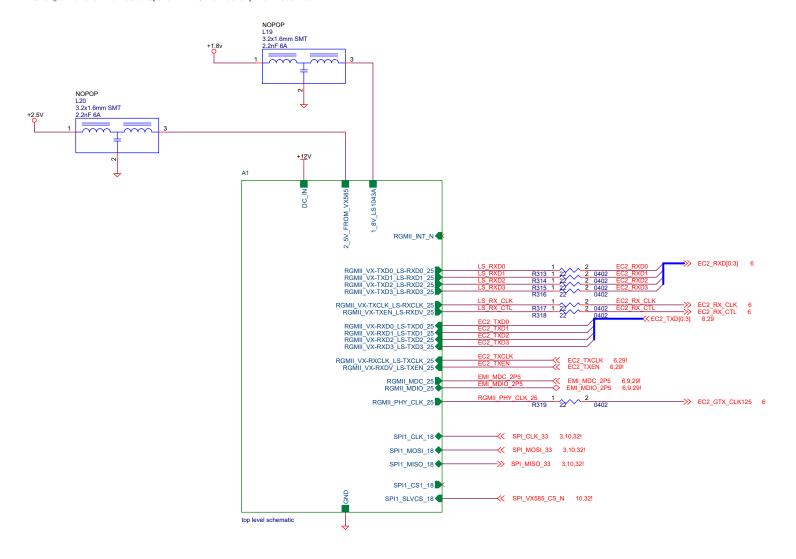


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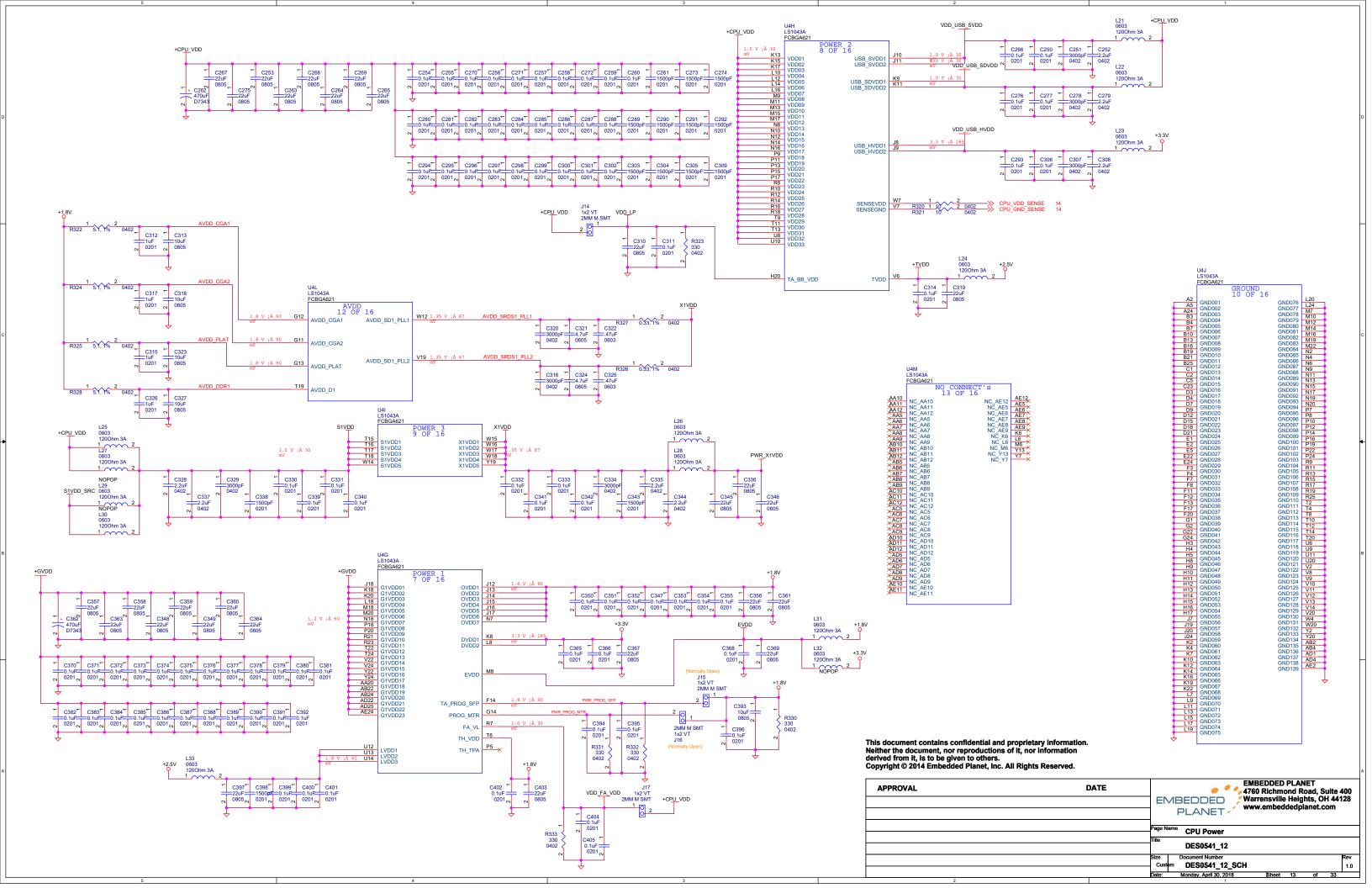
- 1) Q2 should have a collector thermal pad of at least 1cm x 1cm
- 2) For 60Vrms ringing applications must be 100V Vce rated, ZXTP2013G. C241 should be 63V min. For 50Vrms ringing Vce can be 60V rated, ZXTP2012G. C241 can be 50V rated.

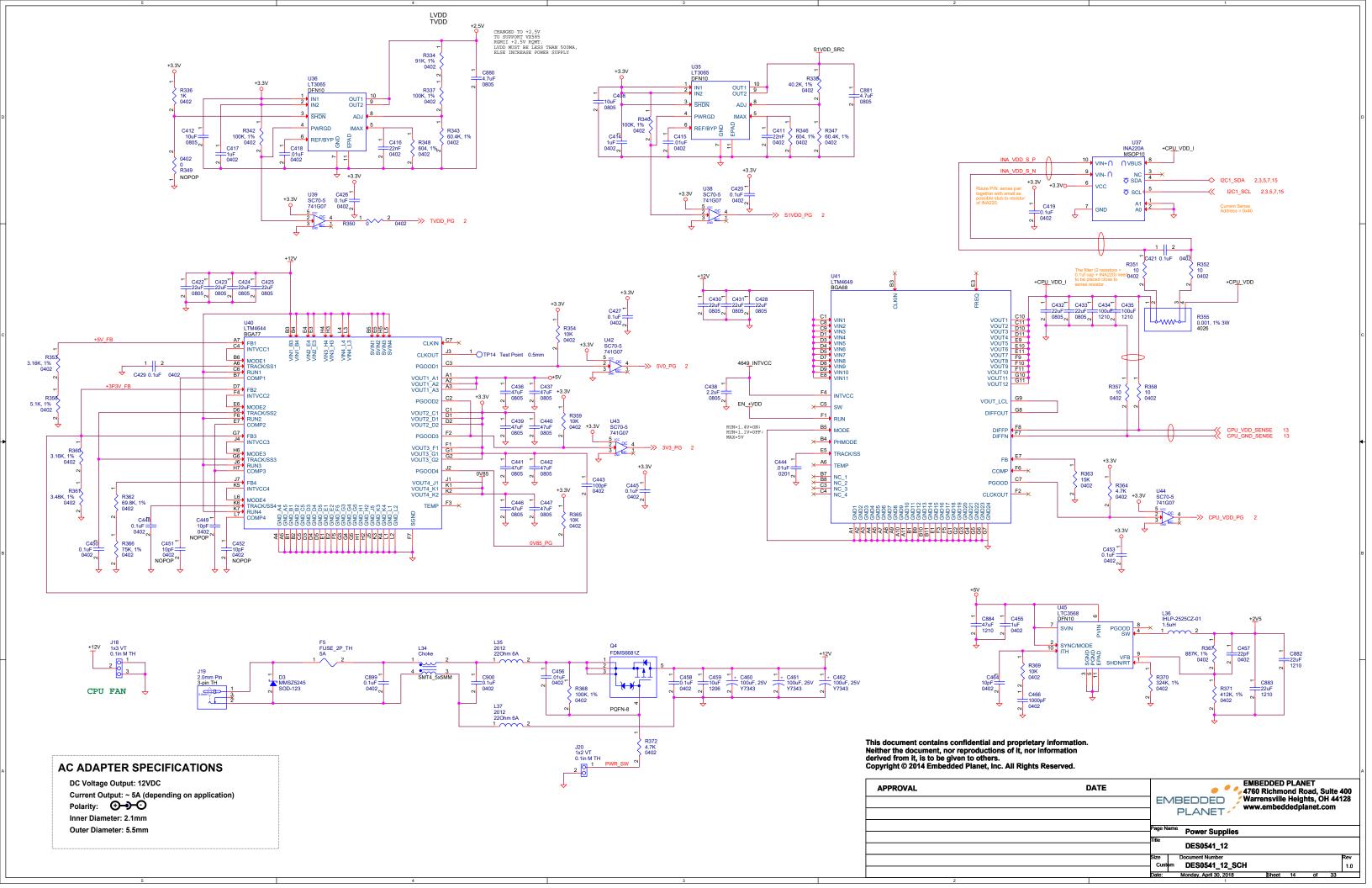
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Date: Monday, August 20, 2018 Sheet 11 of 33			Custom DES0541_12_SCH 1.0
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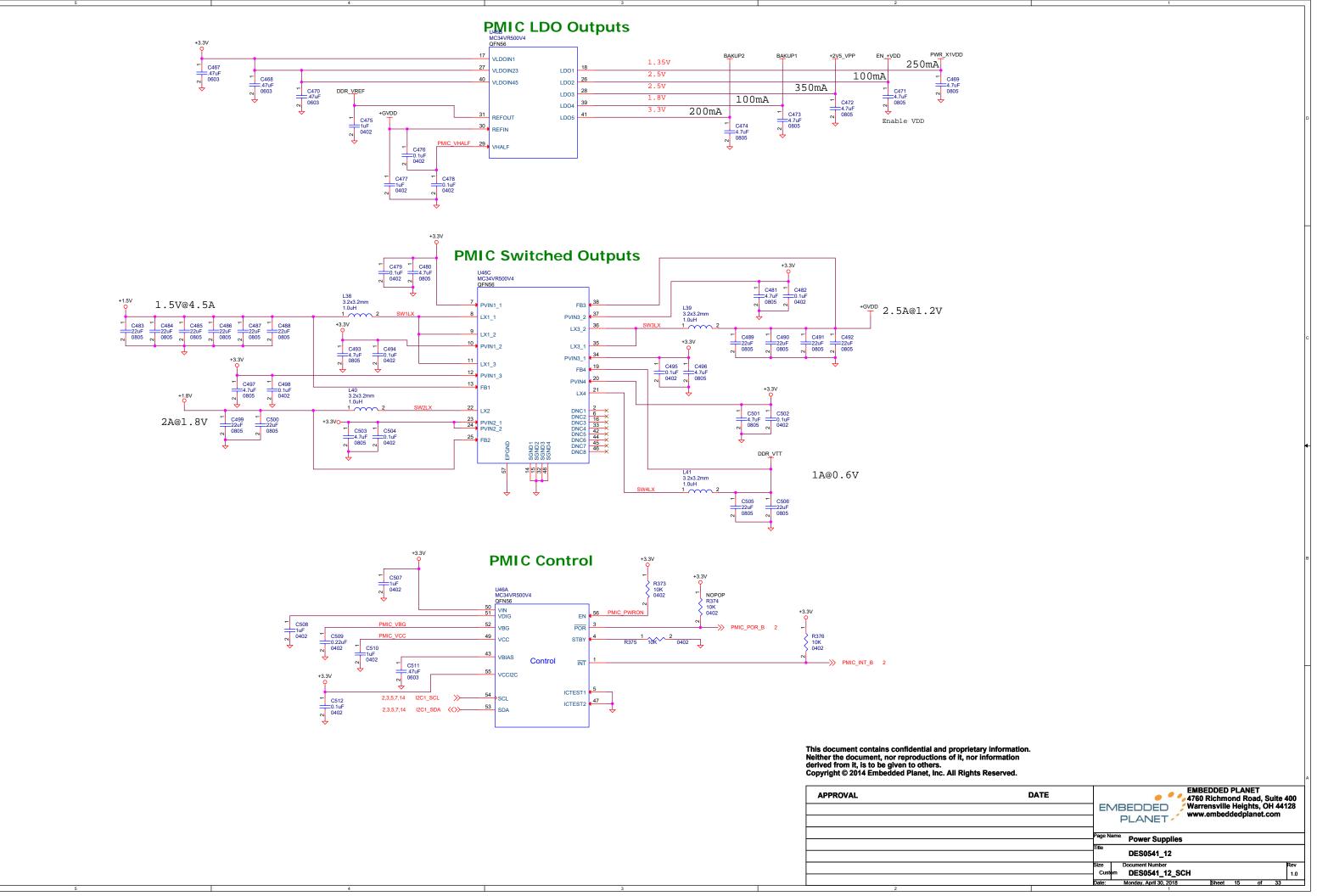
Change L19 and L20 Board Option if DSL circuitry is installed.

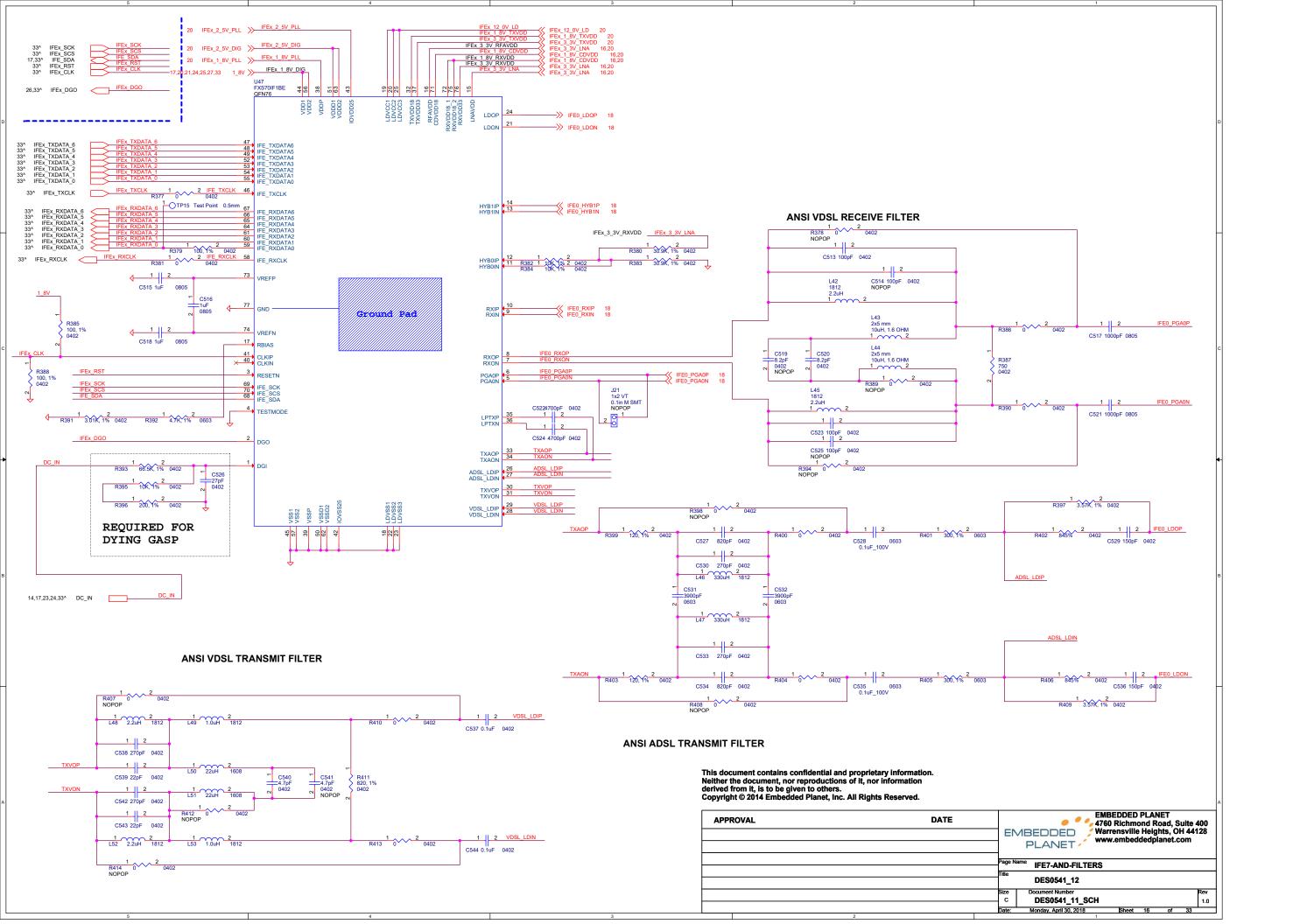


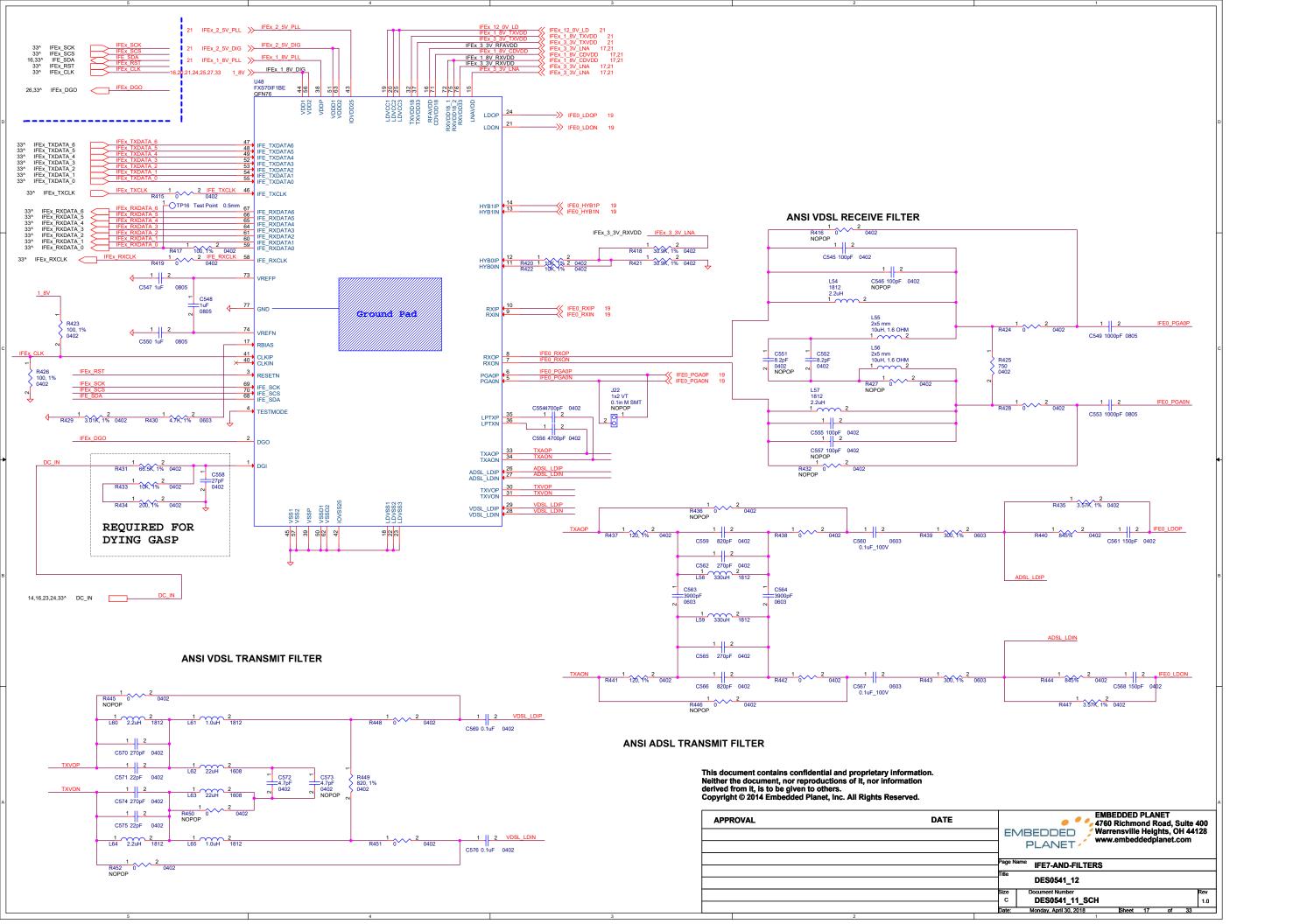
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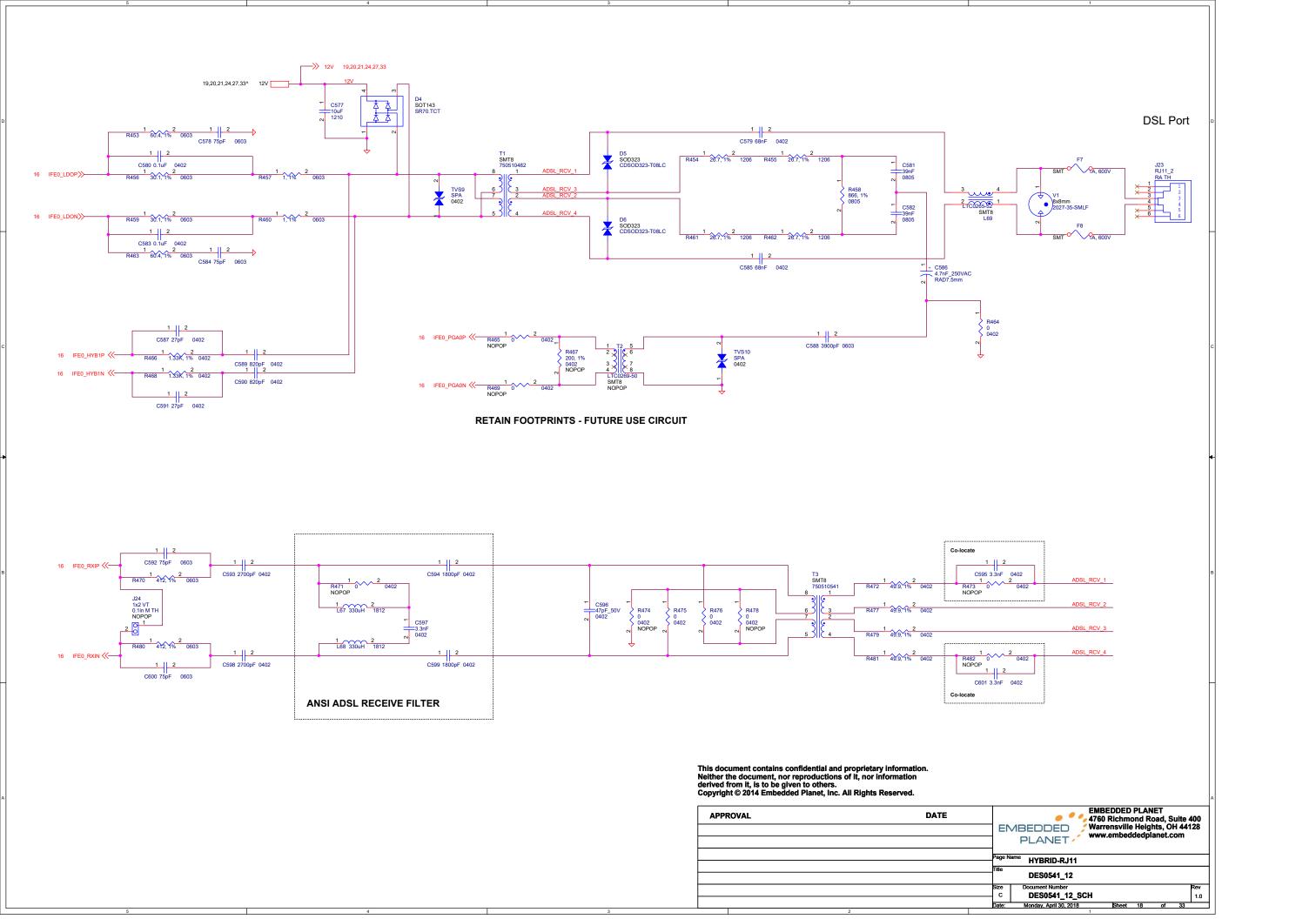


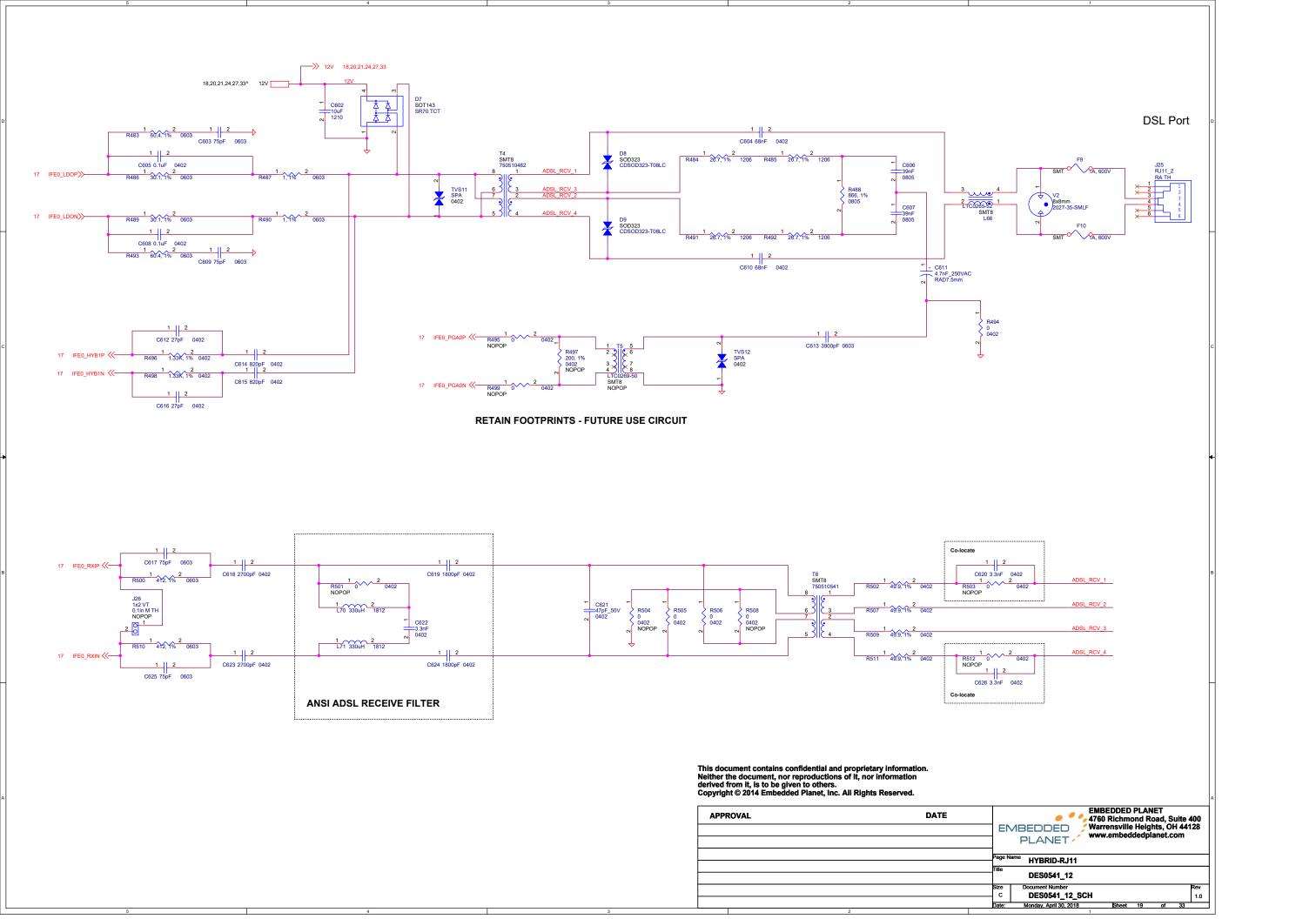




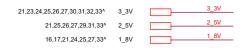


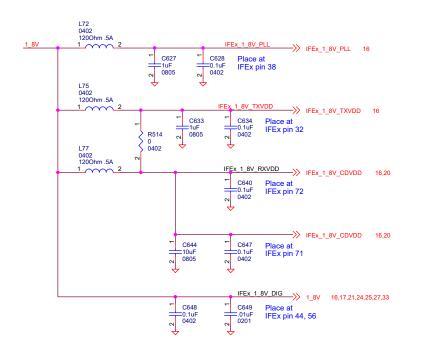


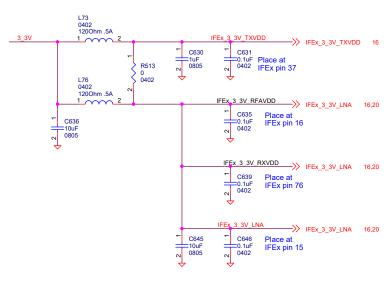


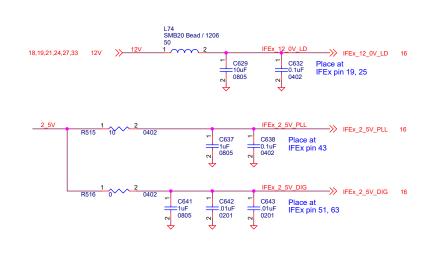


Power Input



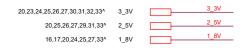


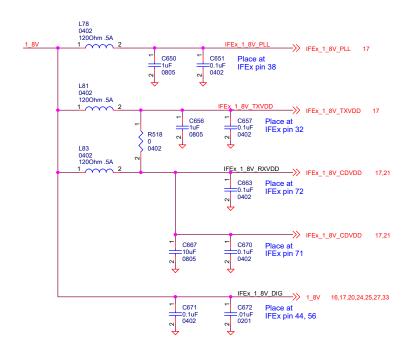


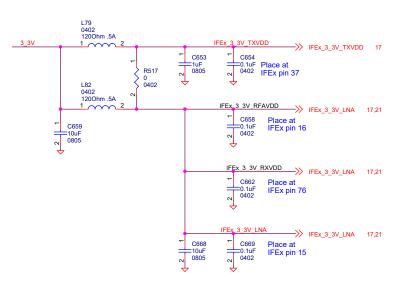


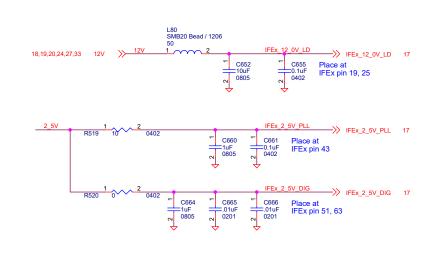
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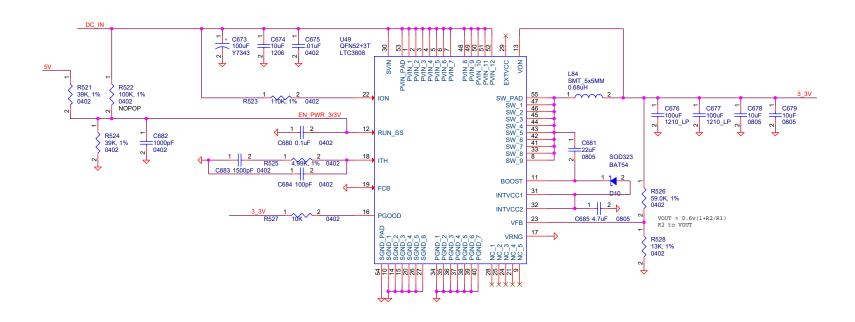


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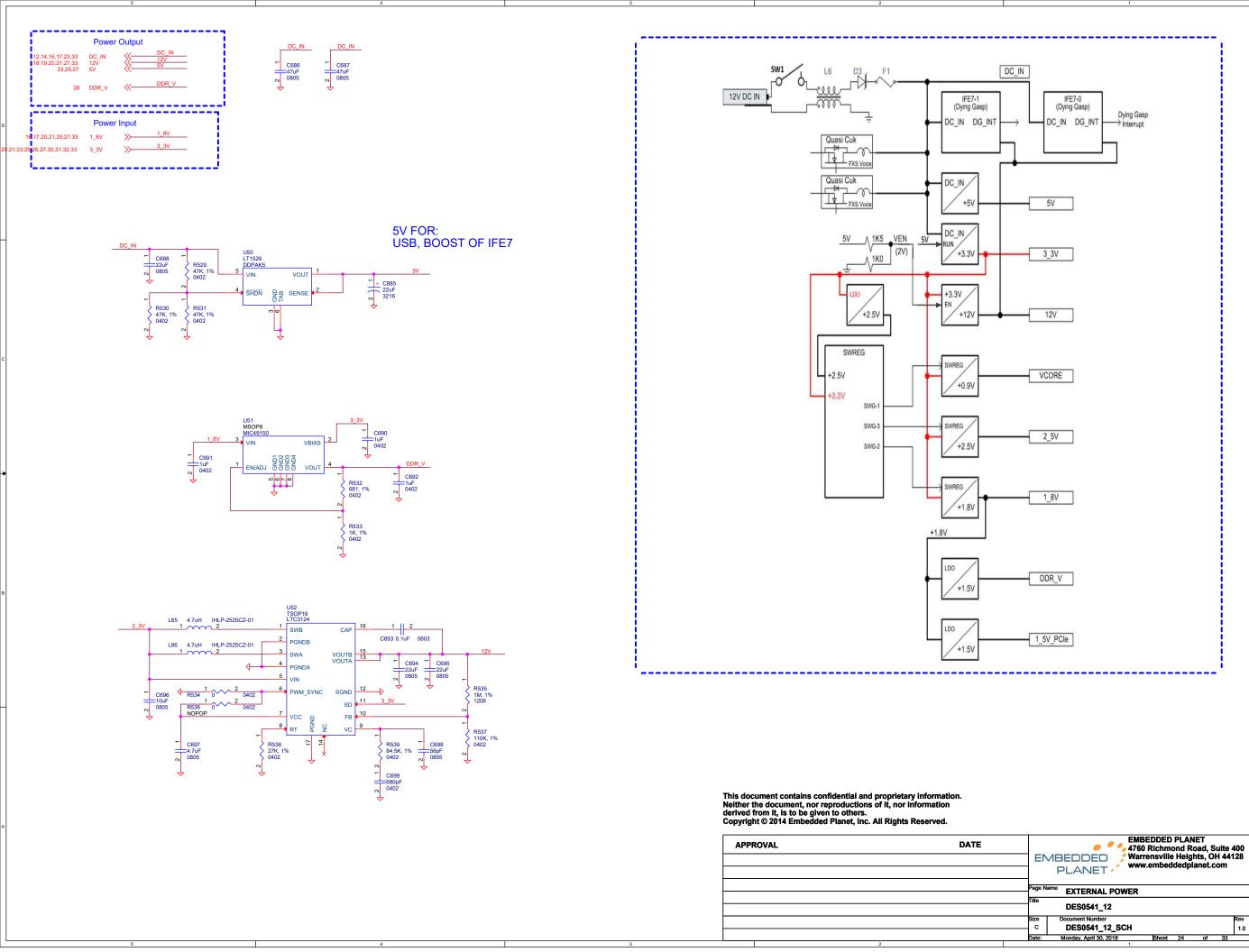
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Dying Gasp

