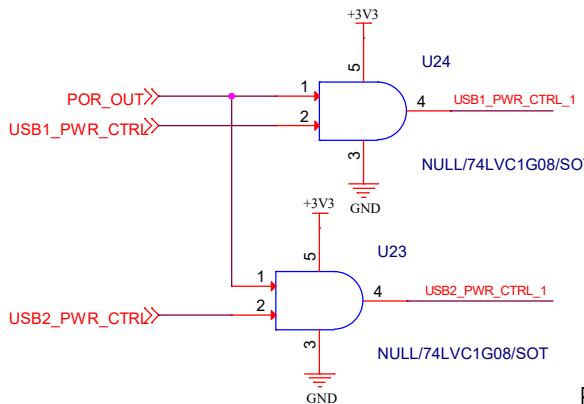
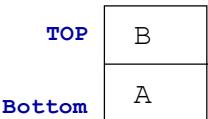
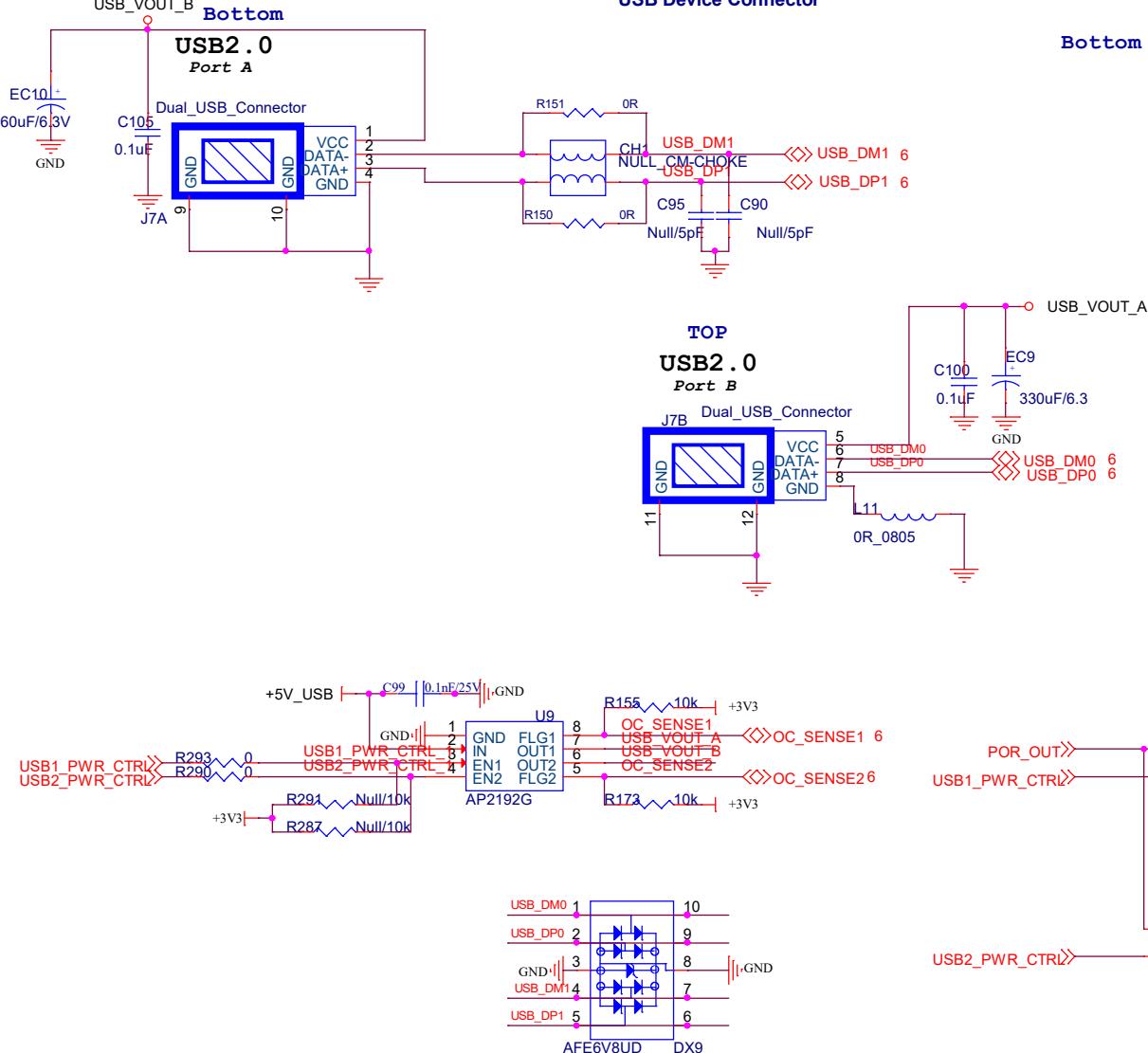


!!Note:
The PCB layout of the differential signal DP and DM should have 90 ohm differential impedance, and keep the trace length below 1 inch if possible.

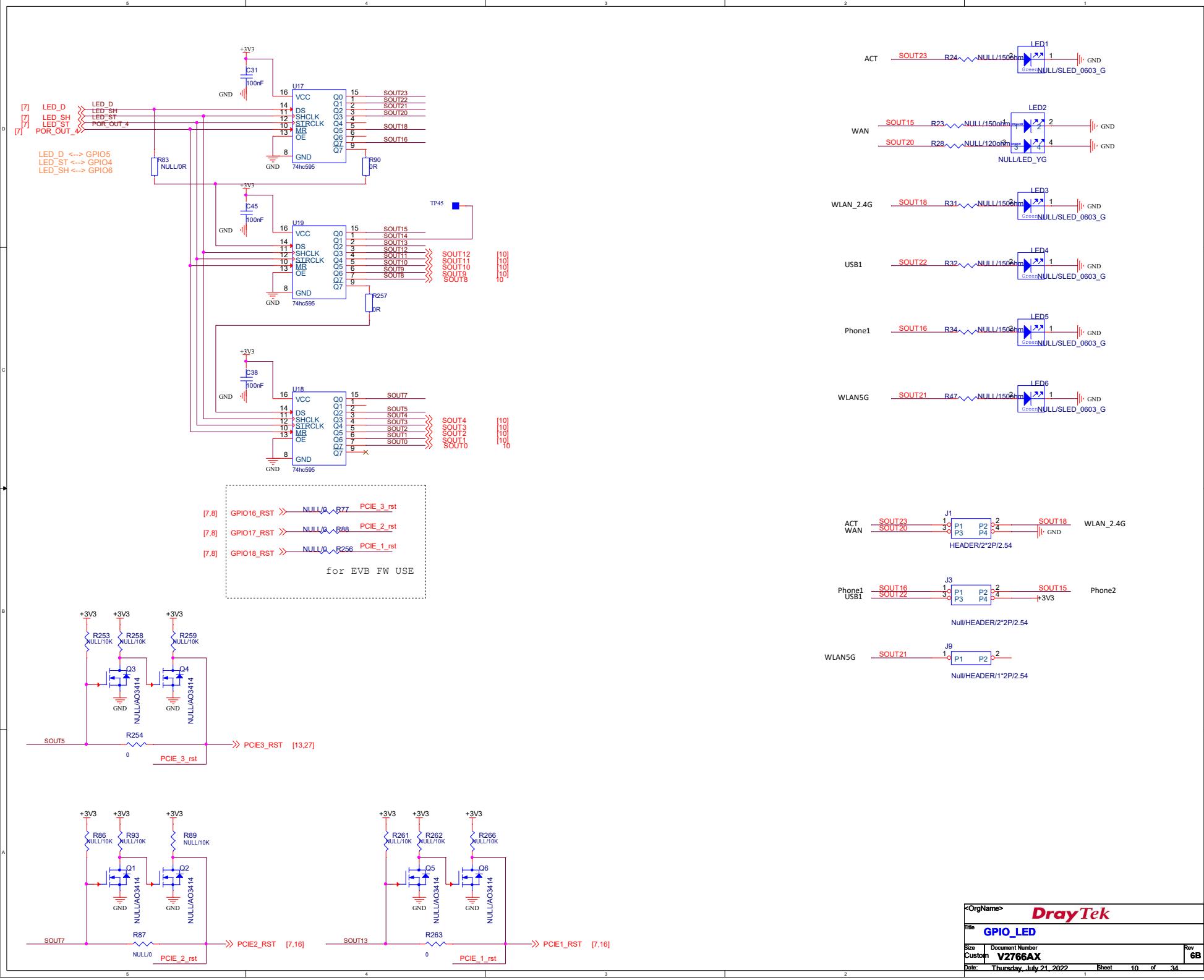


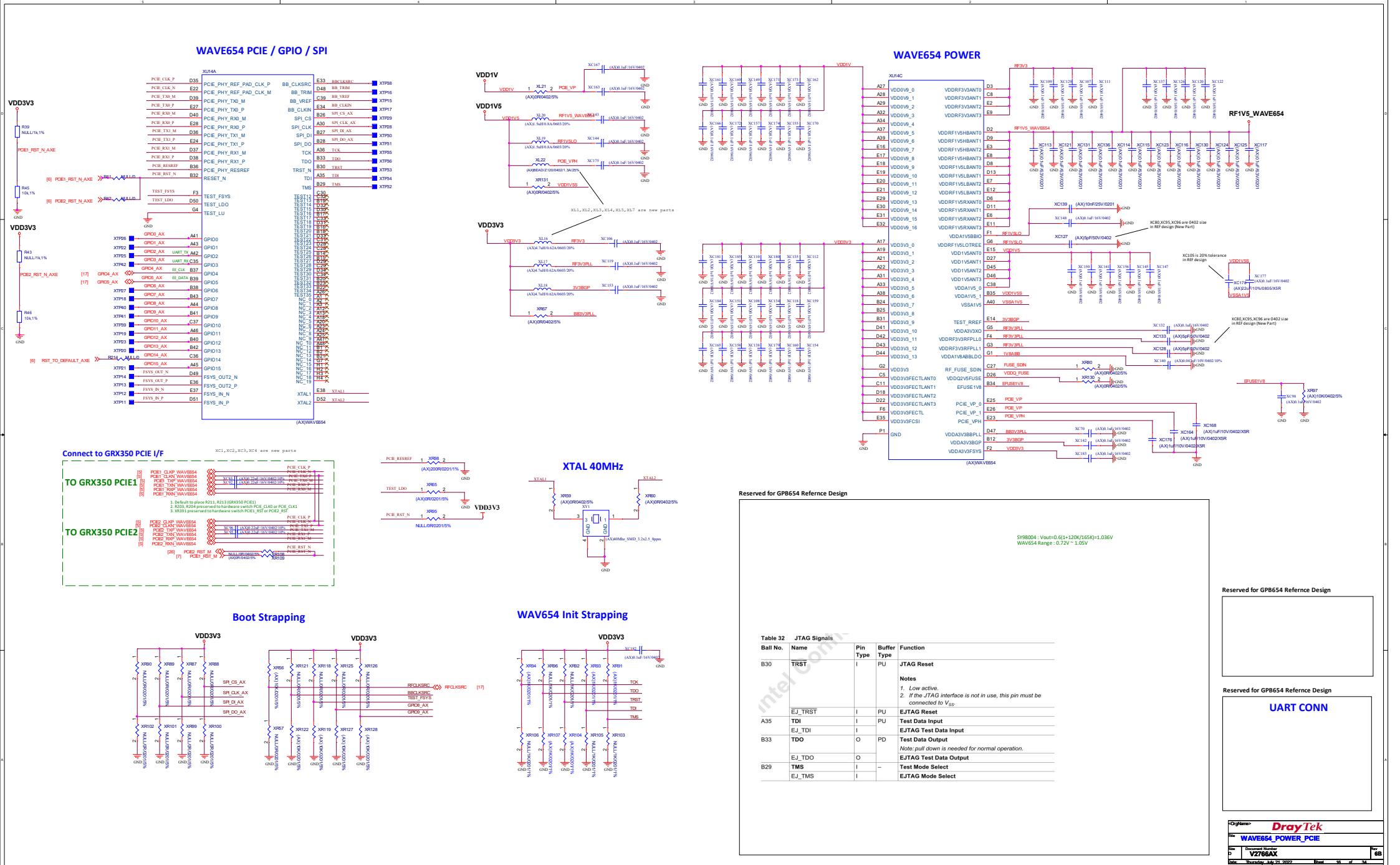
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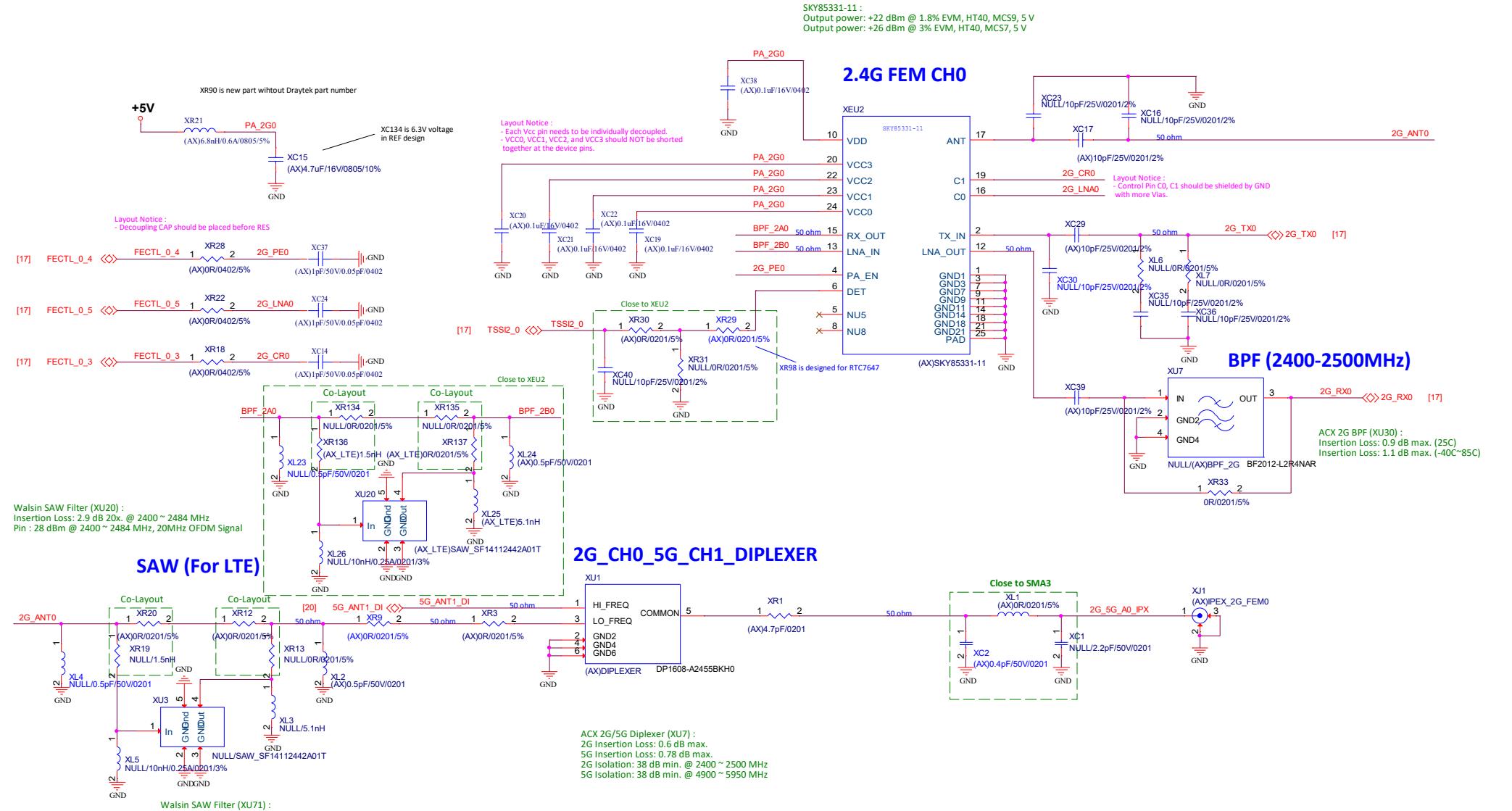
Title **USB_Port**

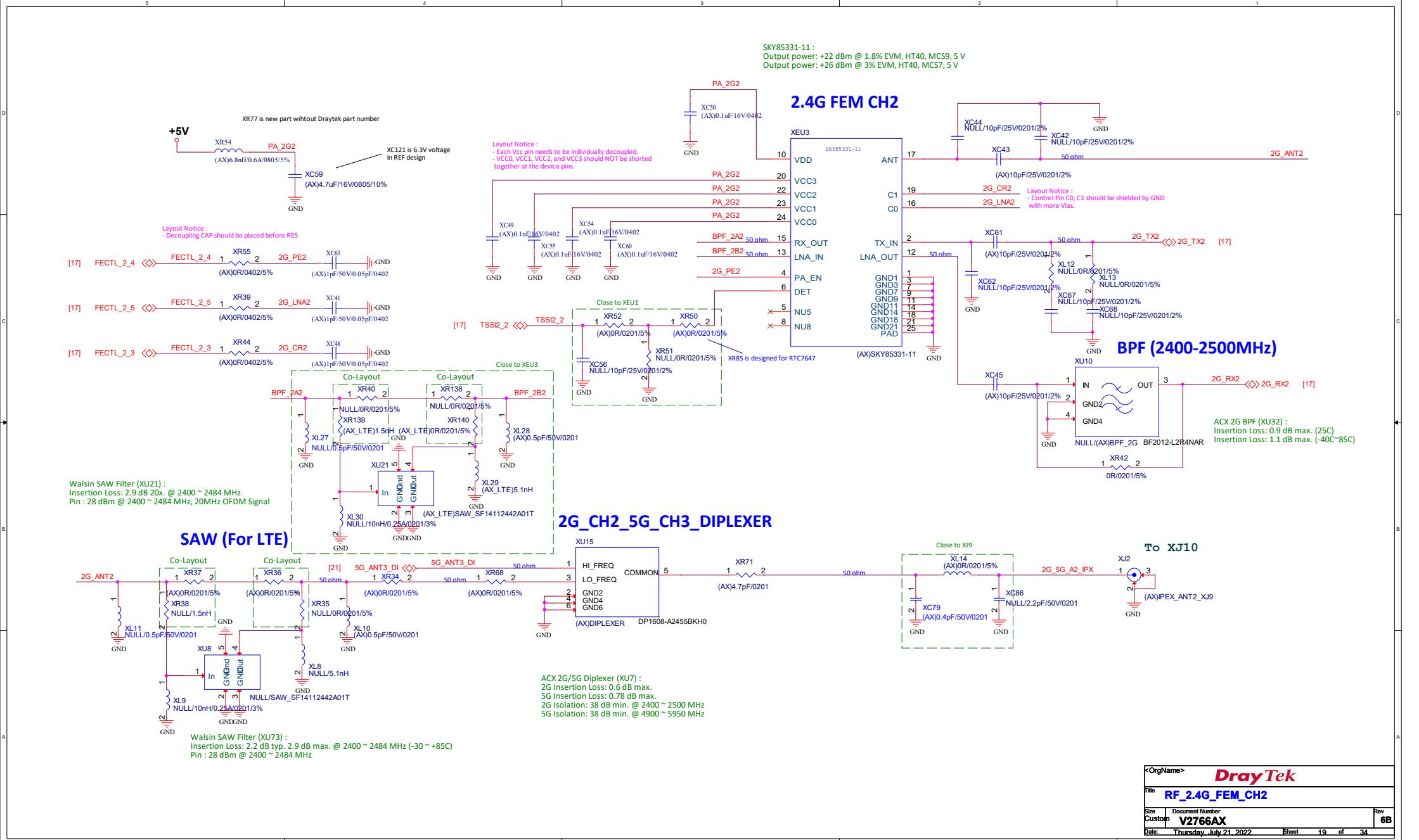
Size **B** Document Number **V2766AX**

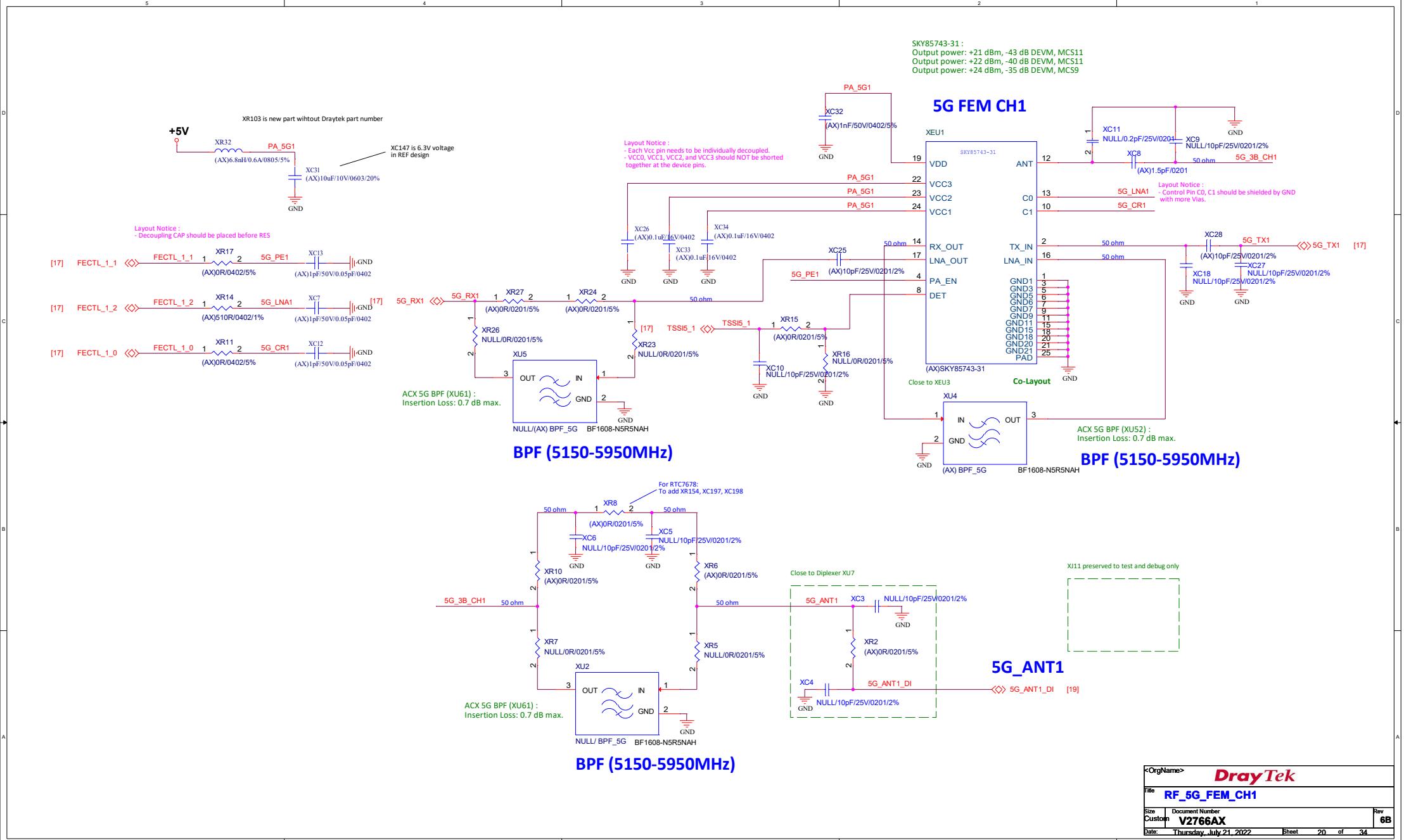
Date: Thursday, July 21, 2022 Sheet 08 of 27 Rev 6B

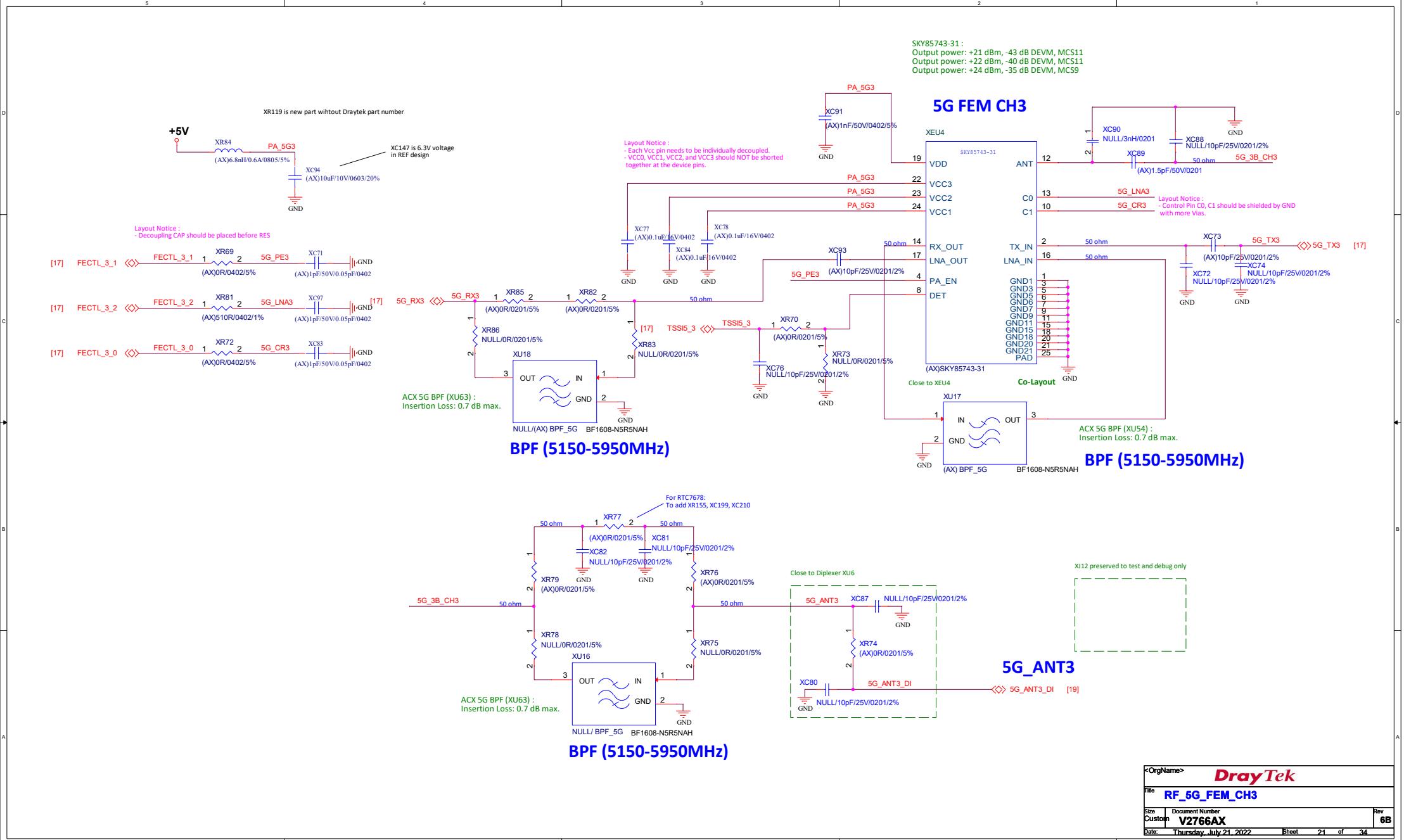








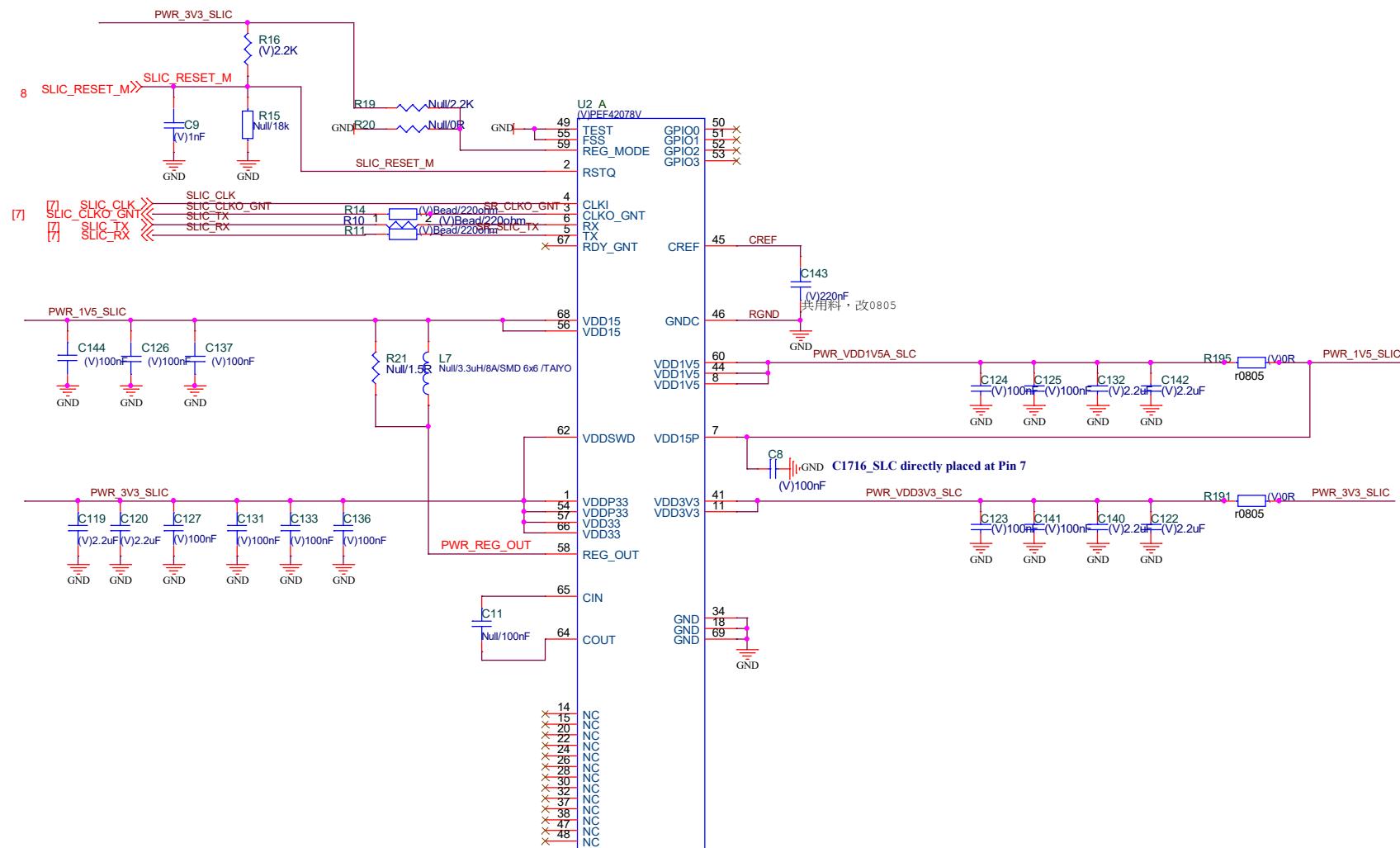




PWR_3V3_SLIC
PWR_1V5_SLIC

PWR_12V_SLIC
PWR_12V_SLIC

SLIC220



<OrgName> DrayTek

Title XWAYSPLIC220_DIGITAL

Size	Document Number
Custom	V2766AX

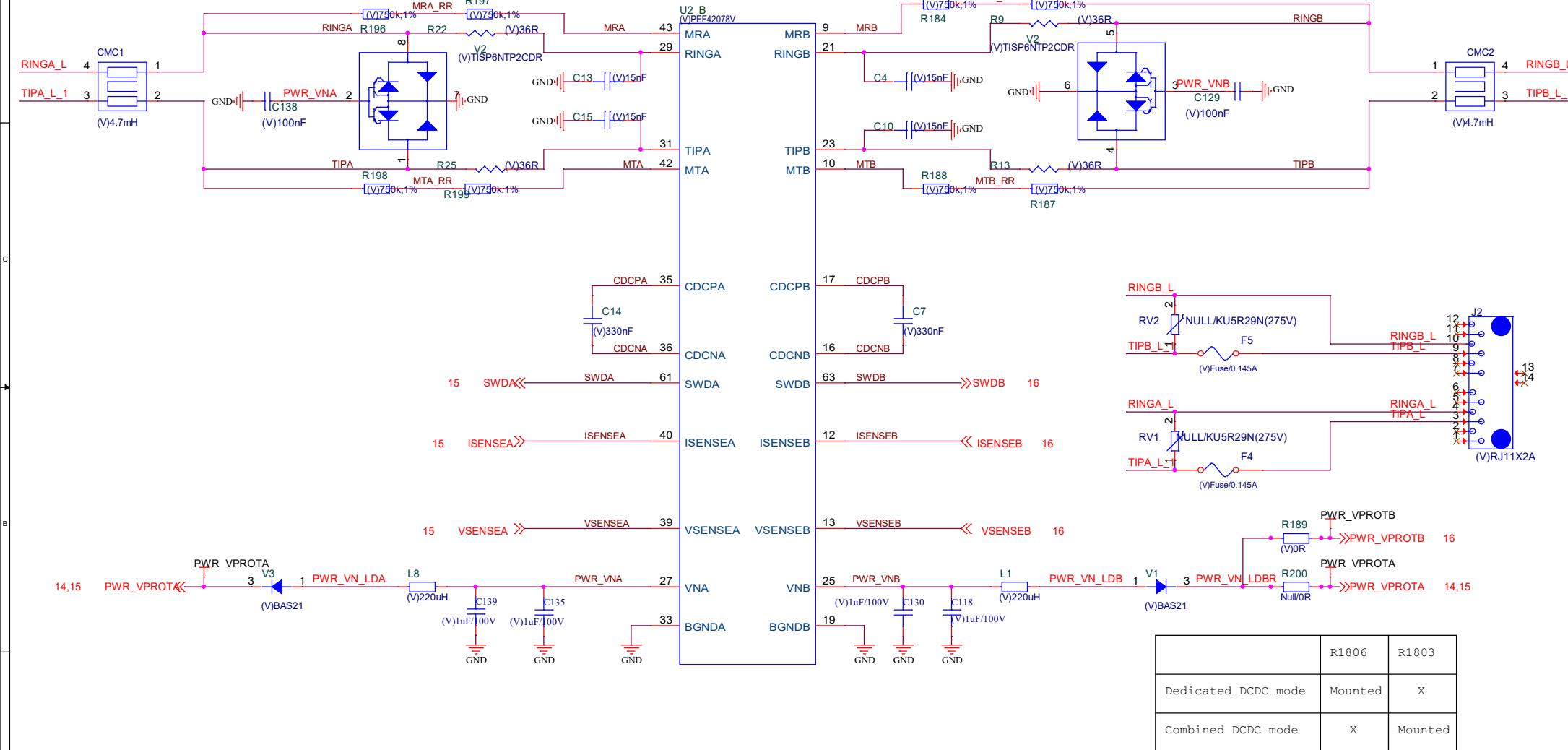
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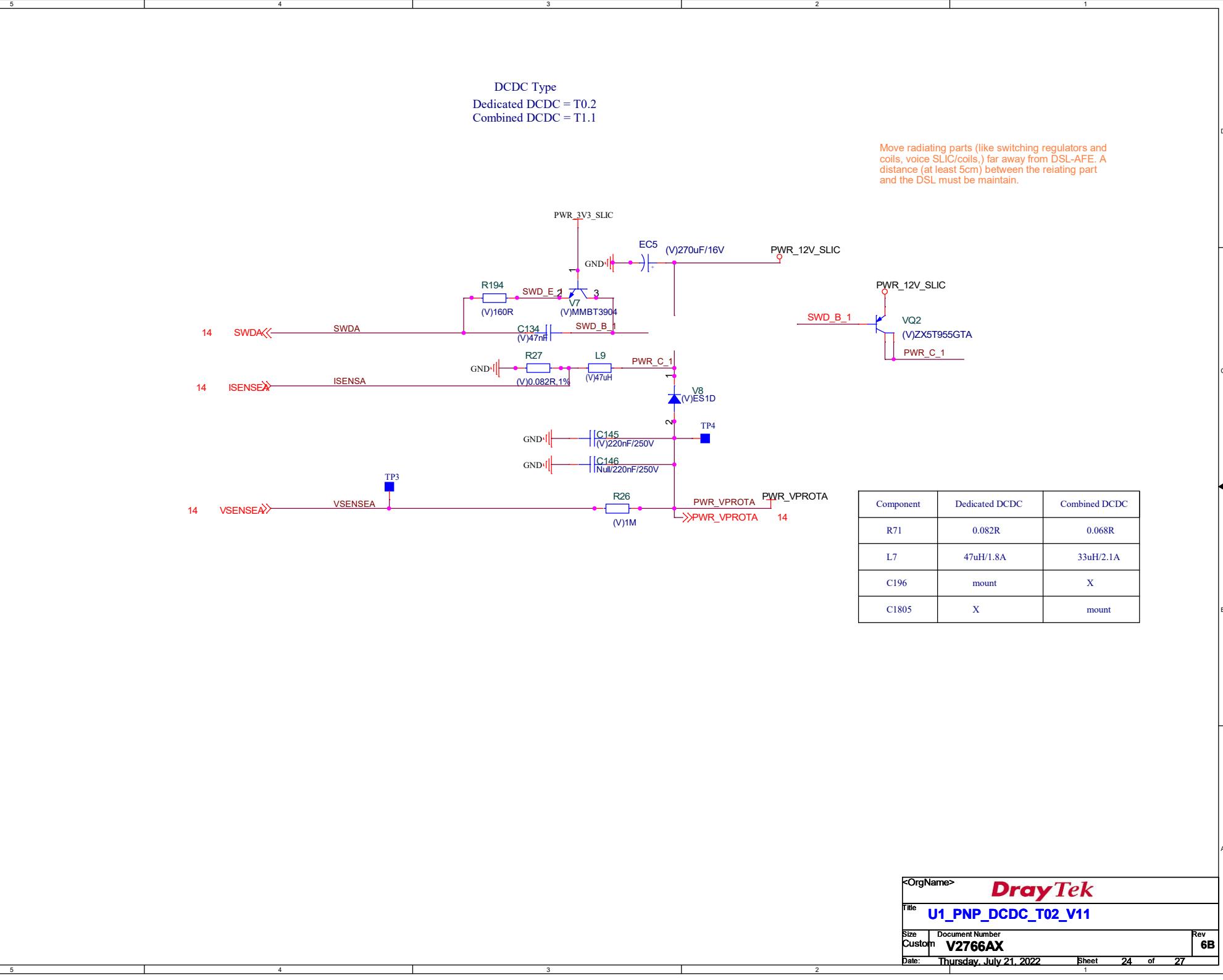
6B

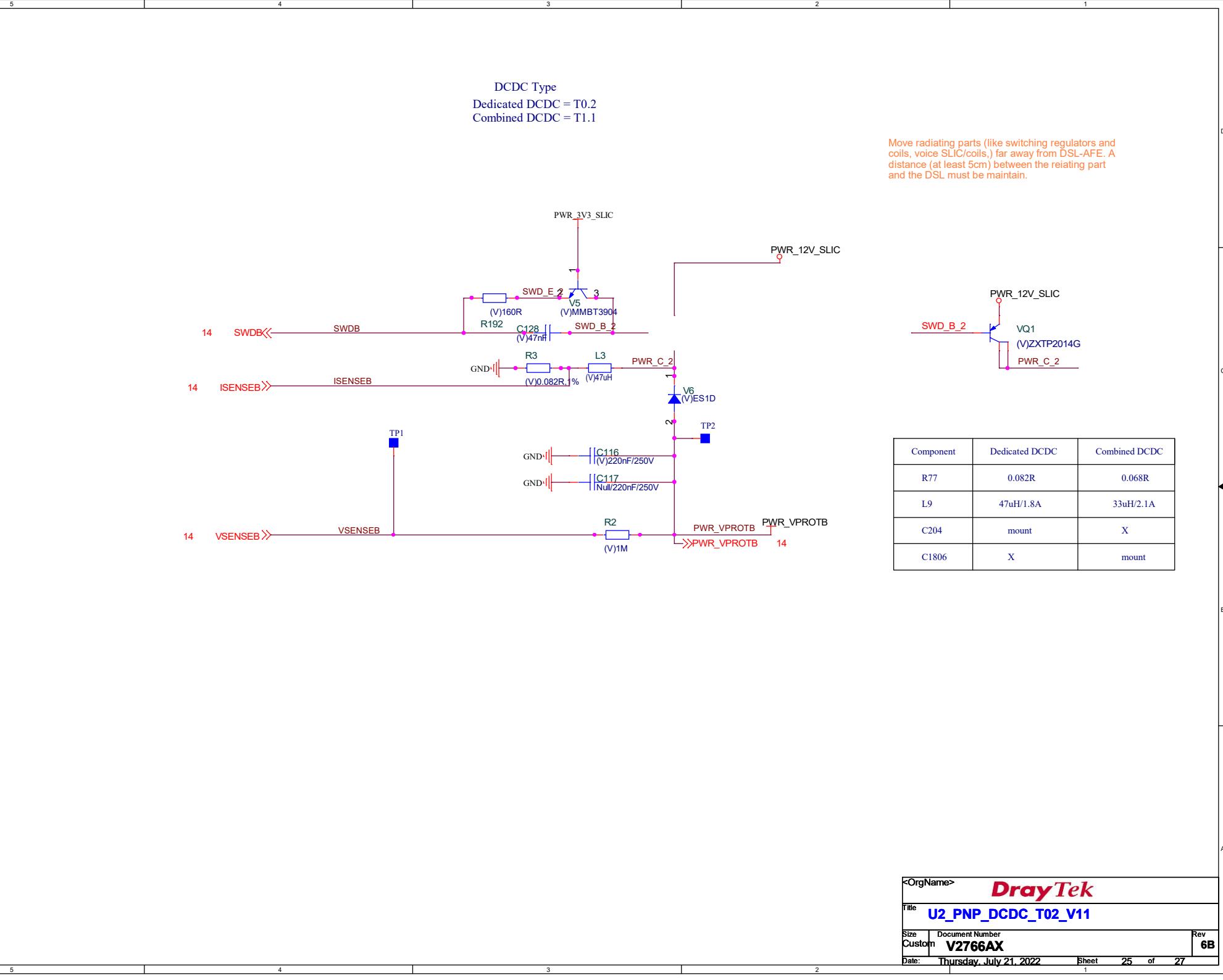
Date Thursday July 21 2022

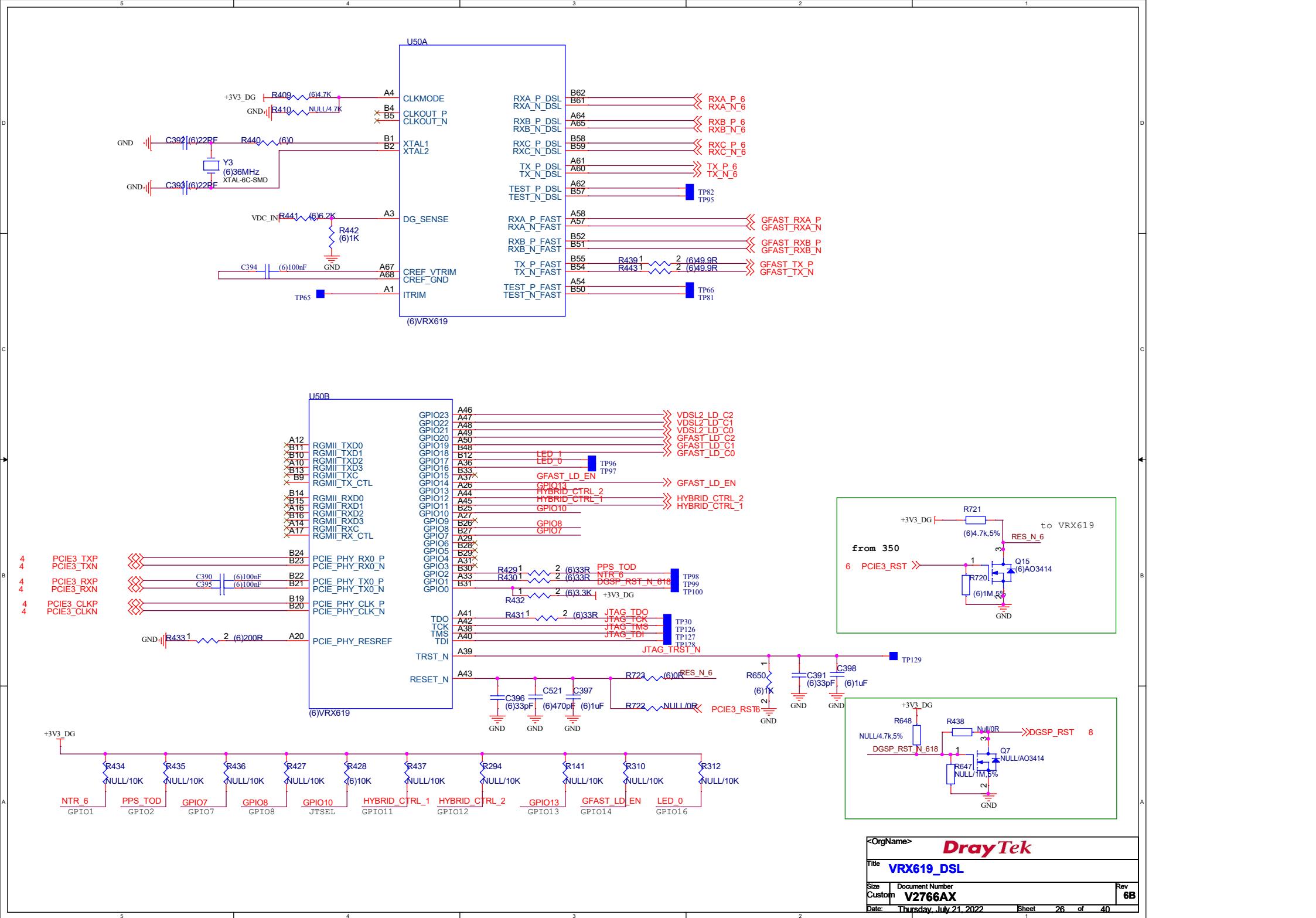
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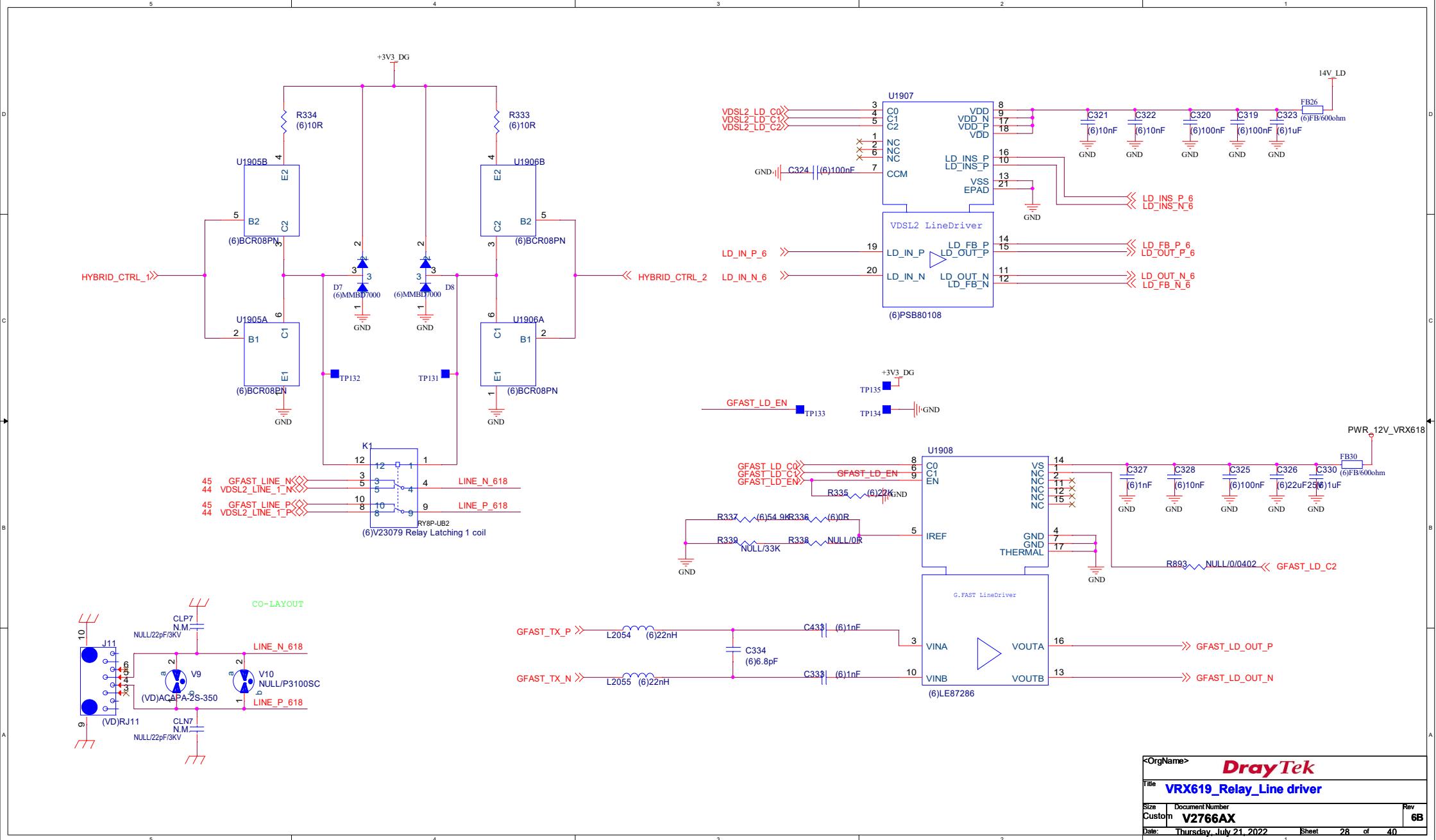
SLIC220



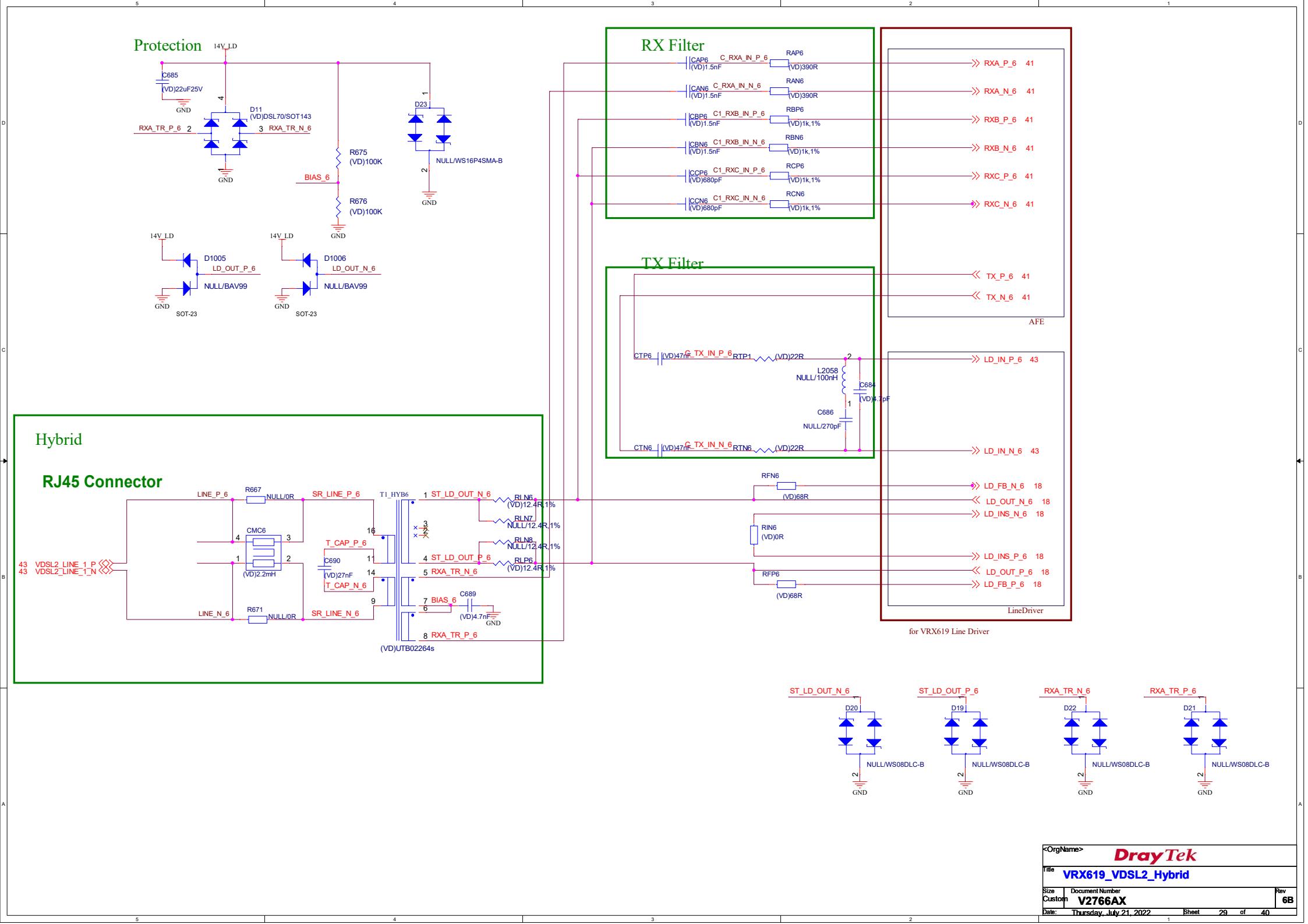


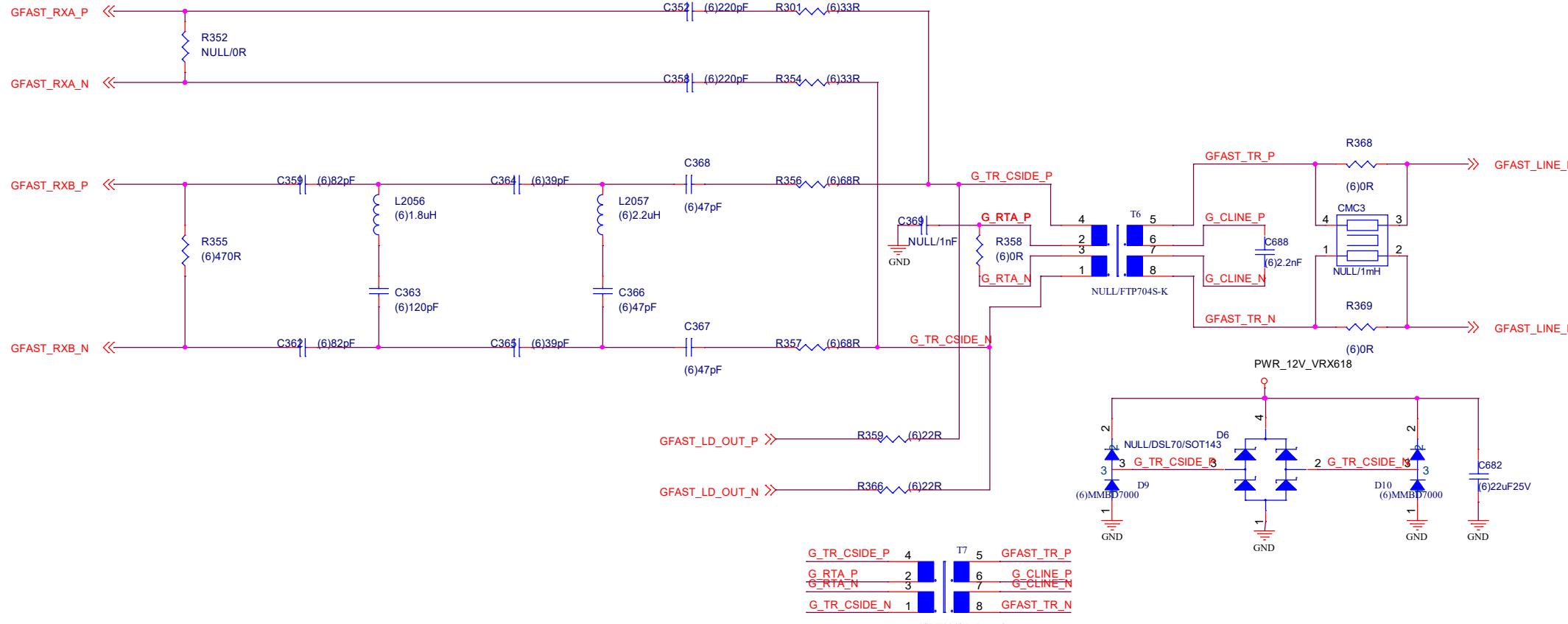






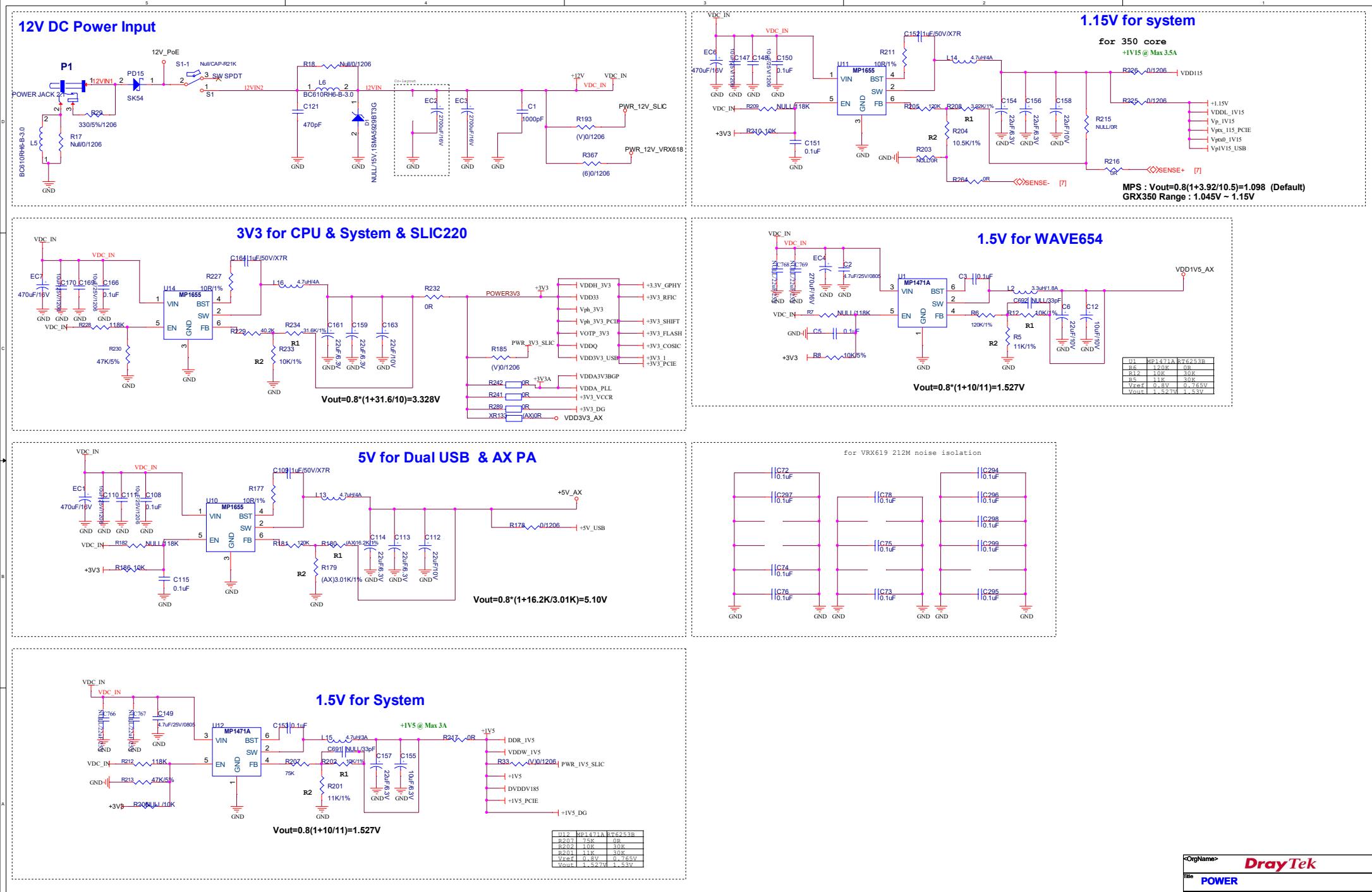
<OrgName>	DrayTek
Title	VRX619_Relay_Line driver
Size	Document Number
Custom	V2766AX
Date:	Thursday, July 21, 2022
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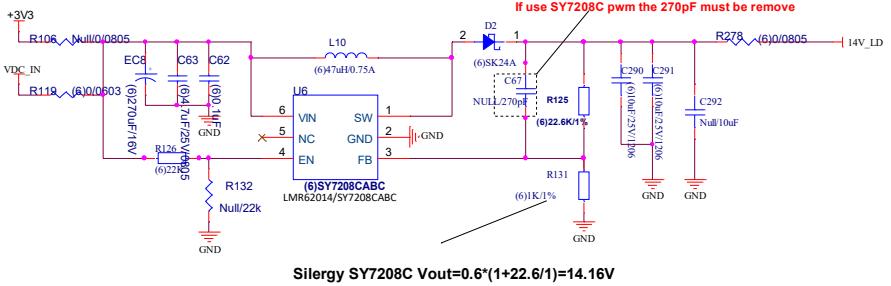


(6)UT11437S Rev.A0

<OrgName>	DrayTek
VRX619_GFAST_Hybrid	
Size	Document Number
Custom	V2766AX
Date:	Thursday, July 21, 2022
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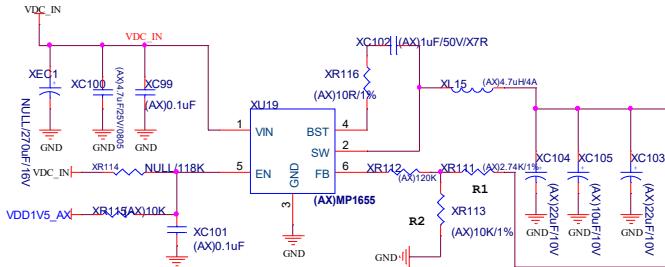


DC to DC Boost 12V to 14V circuitry



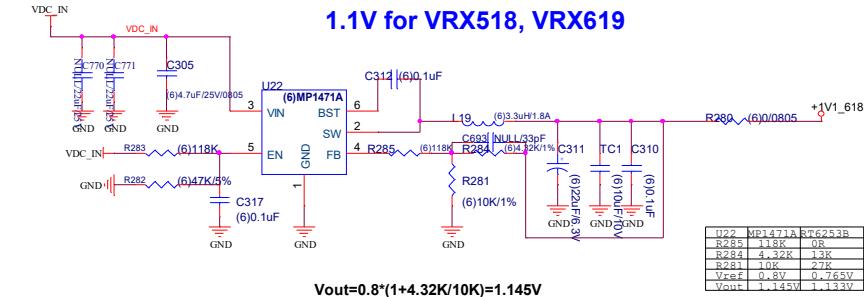
Silergy SY7208C Vout=0.6*(1+22.6/1)=14.16V

1V for WAV654



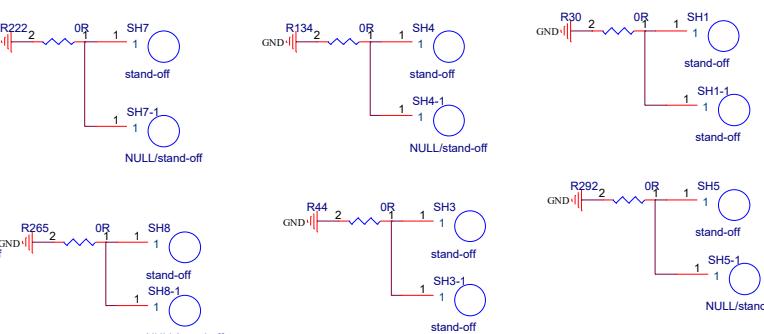
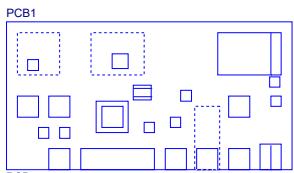
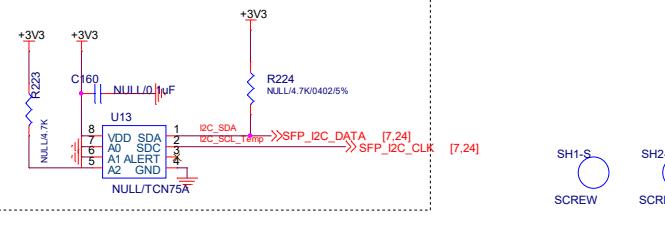
MPS : Vout=0.8(1+2.74/10)=1.0192 (Default)
WAV654 Range : 0.72V ~ 1.05V

1.1V for VRX518, VRX619



Vout=0.8*(1+4.32K/10K)=1.145V

Temp sensor I2C Addr:1001100



<OrgName> DrayTek
Title POWER2
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Version	Date	List of Modification	Page
V0A	2020-12-01		Ian
V0A	2020-12-10	<p>2.4GHz FEM (152-5331900-00G, SKY85331-11) :</p> <ol style="list-style-type: none"> 1. Add XU31, XU33 2. Remove XC12, XC13, XC10, XC11 3. Null XR101, XR88, XU30, XU32 4. Place XR137, XR136 5. Remove XR146, XR149, XR142, XR145 <p>5GHz FEM (152-5743900-00G, SKY85743-31) :</p> <ol style="list-style-type: none"> 1. Add XU51, XU53 and co-layout with XU52, XU54 2. Remove XR17, XR113, XC16, XC18 3. Null XR110, XR129, XC181, XC182 4. Place XR11, XR12 5. Null XU61, XR10, XR135 6. Place XR139, XR140 7. Null XU63, XR138, XR141 	mChen
V6B	2021-5-28	<ol style="list-style-type: none"> 1. Change VRX619 circuit 2. Add J9 3. colay internal PHY 4 	Ian
V6C	2022-02-24	1.C326,C682,C685 colay C1206	Ian
V6D	2022-07-18	1.Add C766, C767, C691, C768, C769, C692, C770, C771, C693	Ian

<OrgName>	DrayTek
Title	History
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BOM Difference

	V2765ax	V2765Vax						
(VD)	V	V						
(V)	NULL	V						
(5)	V	V						
(PD)	NULL	NULL						
(AX)	V	V						
(NPD)	V	V						
(AX_LTE)	NULL	NULL						