

Version: 4.0

Jack's Changelist from (2008.6.2)

- 1、DEL ALL LEVEL SHIFT AND BUS BUFFER IC EXCEPT NAND FLASH LEVEL SHIFT(U27);
- 2、DEL XC9536;
- 3、DEL Voltage sense reset IC,use only Watchdog reset IC;
- 4、Change 1.8V power supply from LDO style to DC-DC style;
- 5、Change Audio Codec from AIC33 to AIC3104;
- 6、DEL SD DAC-OUT REF Voltage circuit;
- 7、DEL GL811,ADD JM20329(USB-SATA);
- 8、CHANGE DECODER FROM TW9919 TO TVP5160;
- 9、ADD SD/MMC CIRCUIT;

modified by jlp 081006

- 1,DEL r268 r269
- 2,ADD r62 r58 r59 //USB
- 3,ADD audio AMP

08/11/24

- 4,ADD 1.8V LDO //ADD U4 C85 C67 D8 D7
- 5,CN24

Jack's Changelist from (jlp2008.11.24)

- 1、修改NAND FLASH部分电路，支持双片选NAND FLASH（硬件预留）；
- 2、去掉一些数字信号上的串联电阻；
- 3、修改复位电路，去掉3.3V全局复位，IP101的复位有RC产生；
- 4、修改USB供电部分储能电容位置，将470uf的储能电容放在MOS开关管之前；
- 5、将RTC部分NC；

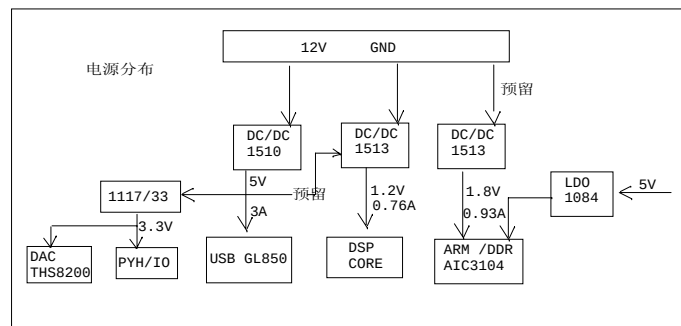
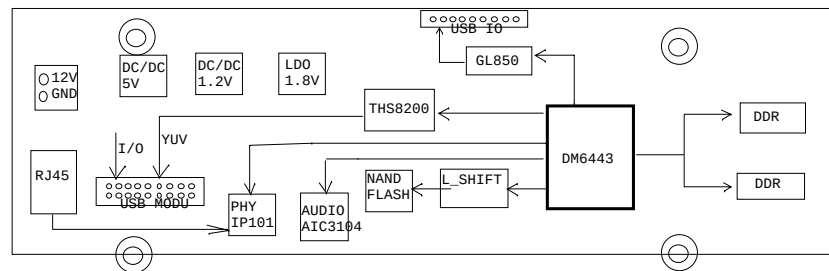
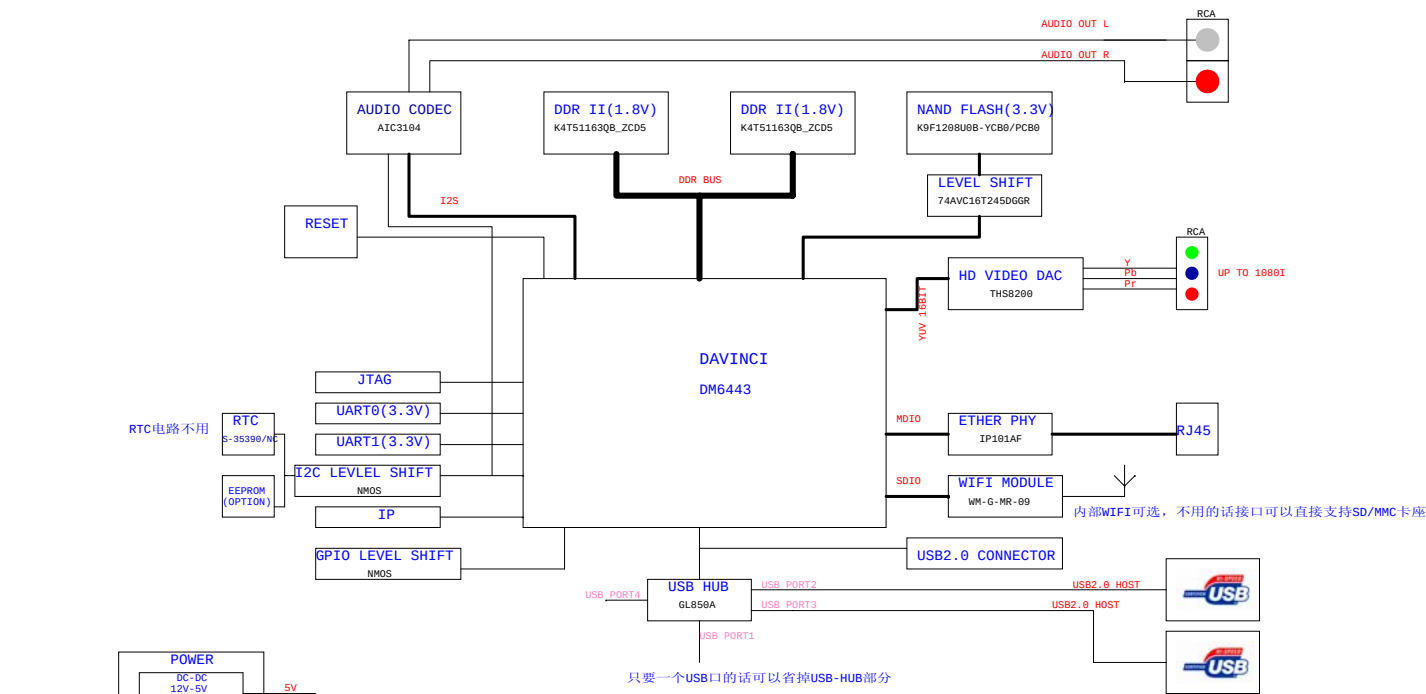
09/02/10

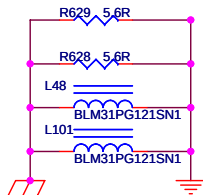
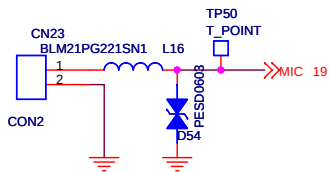
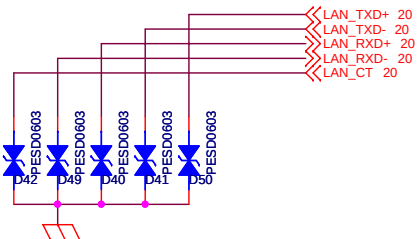
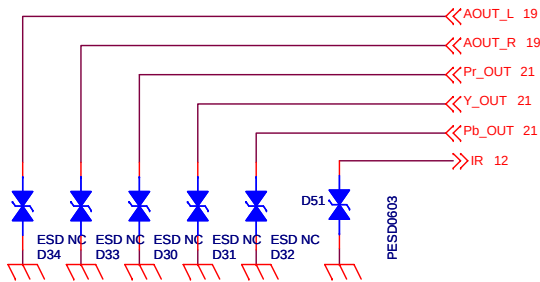
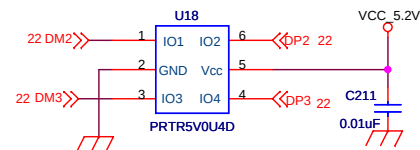
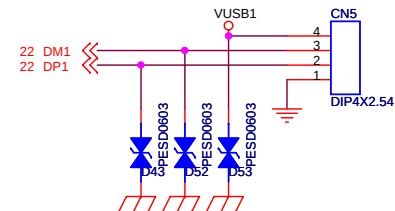
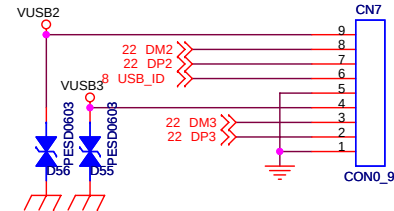
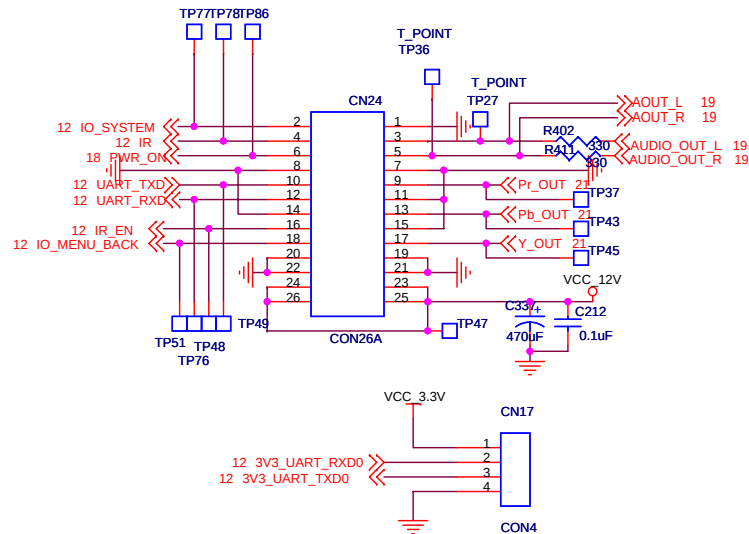
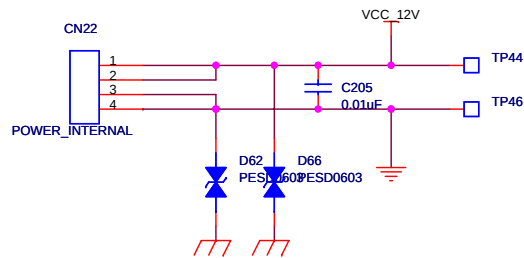
- 1,更改封装，电路不变
- 2,Change USB ESD TO PRTR5V0U4D S0N6

09/03/10

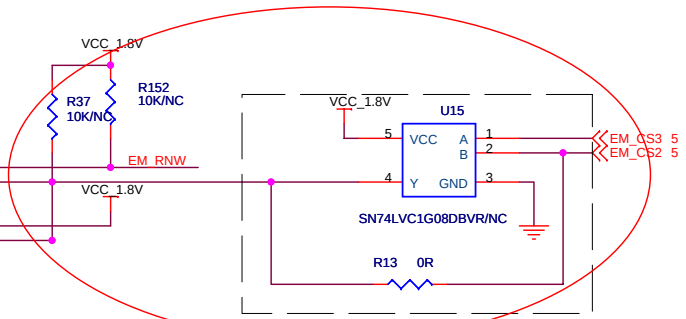
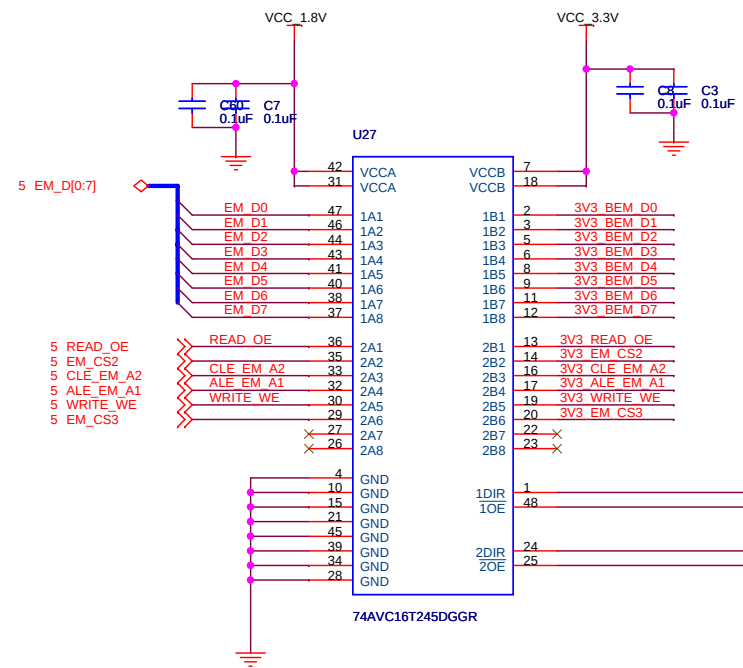
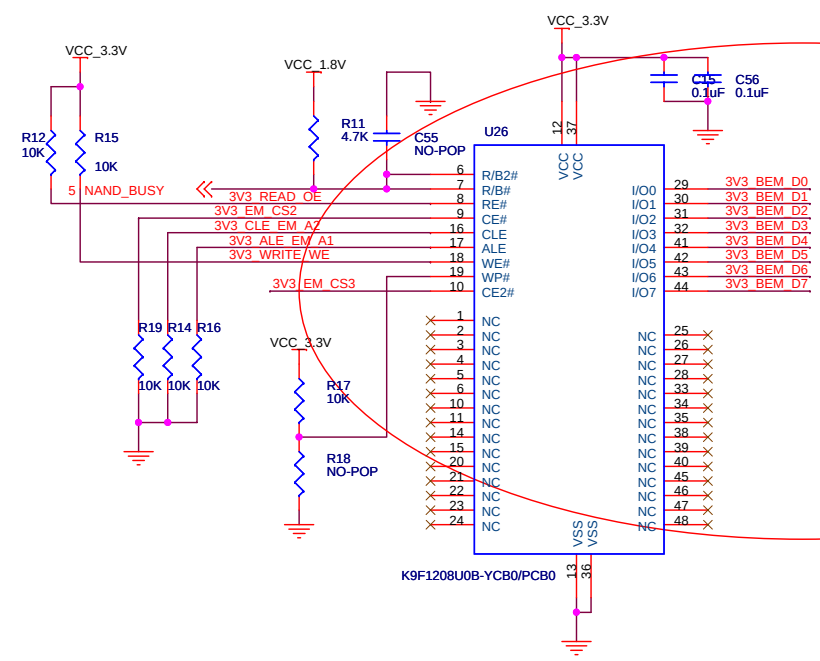
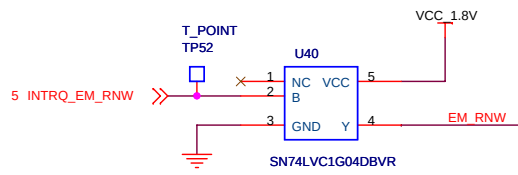
- 1,add U29 9306,R79,C182,C187
- 2,add C76

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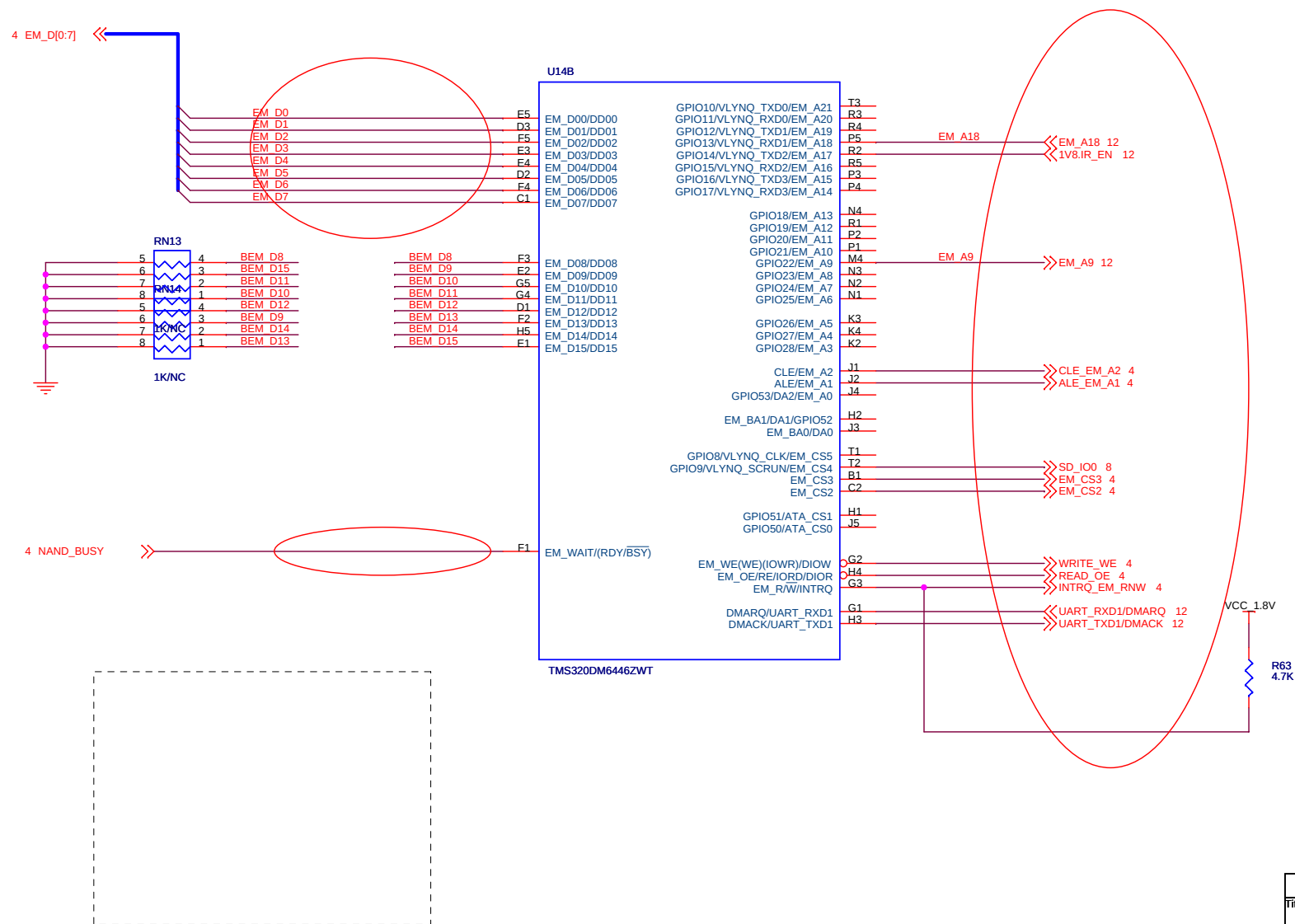


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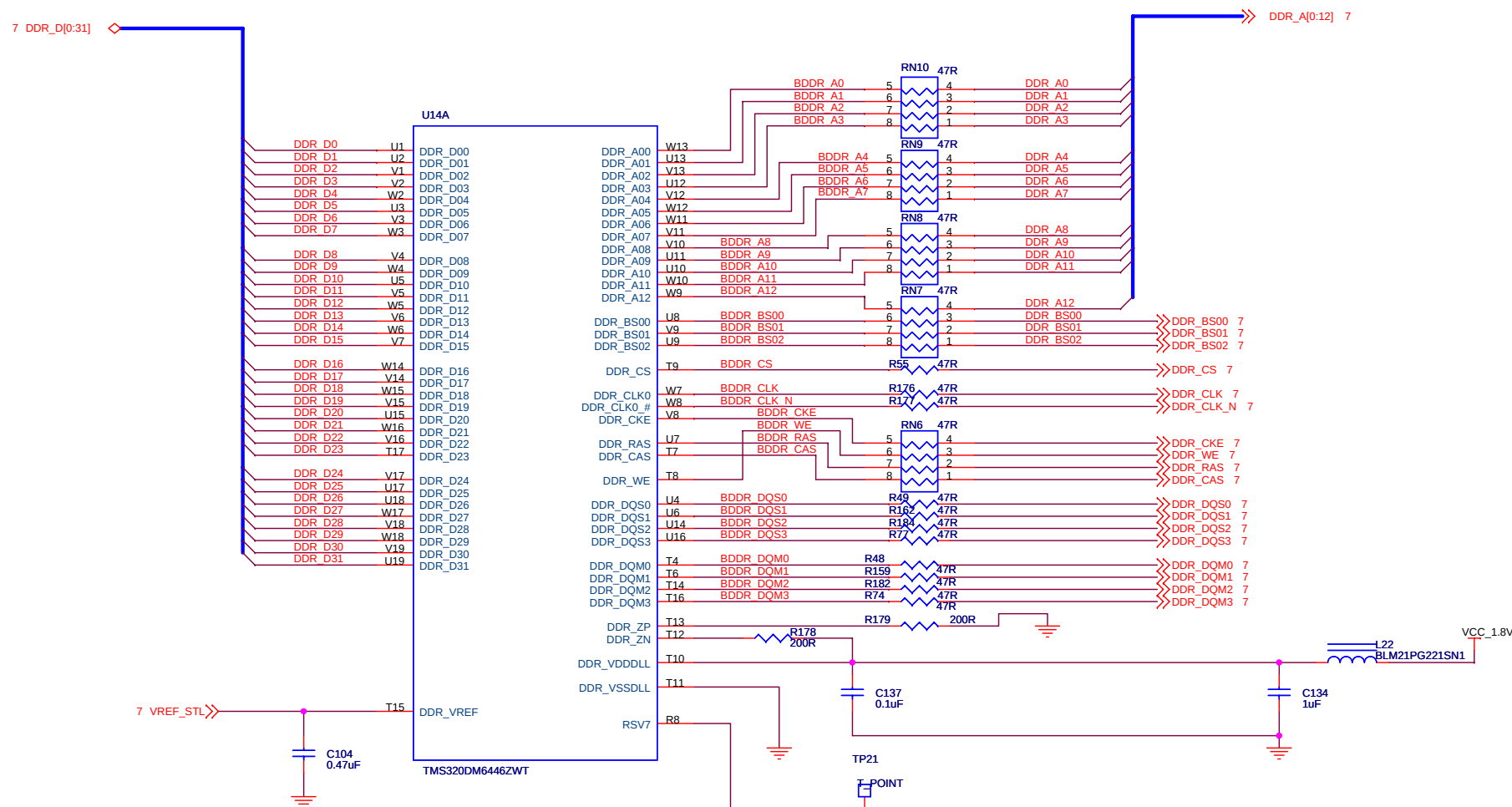


双片选大容量NAND FLASH时用，
单片选NAND 情况下焊接R12，不焊接U15

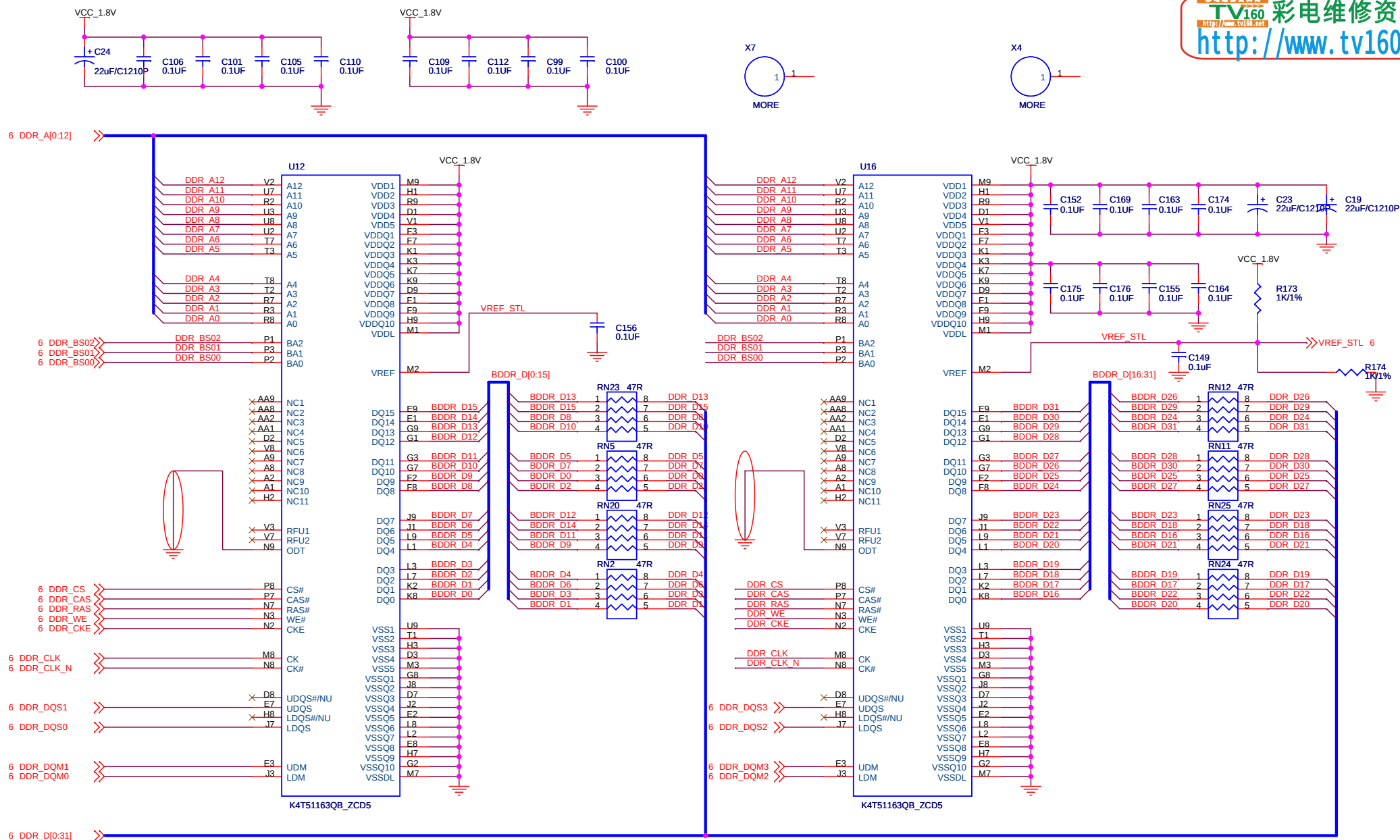
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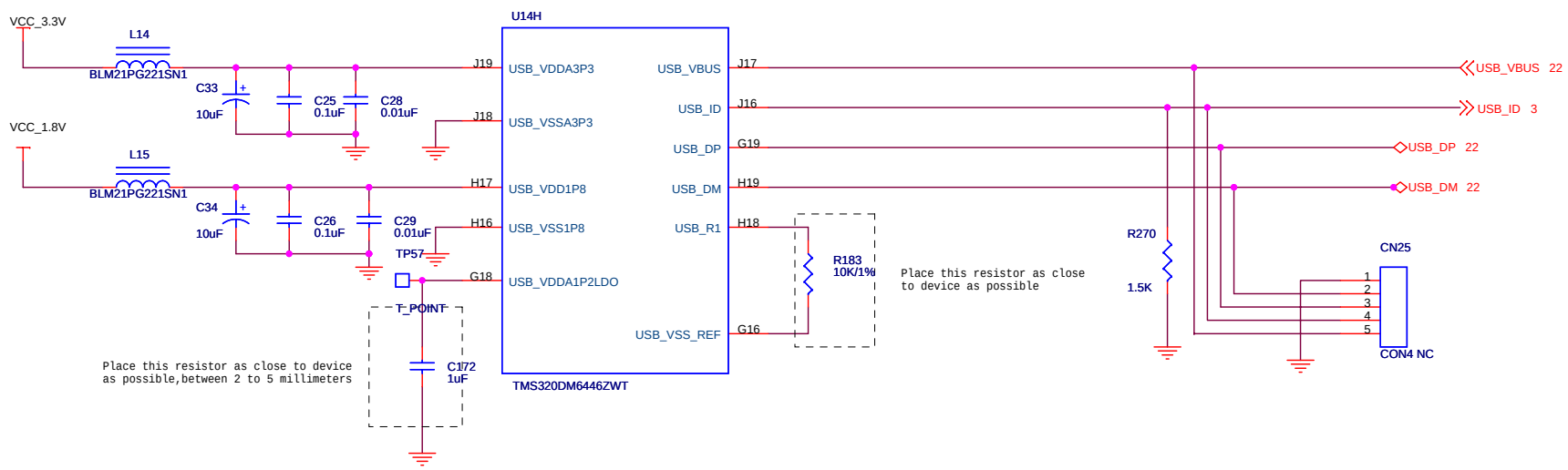
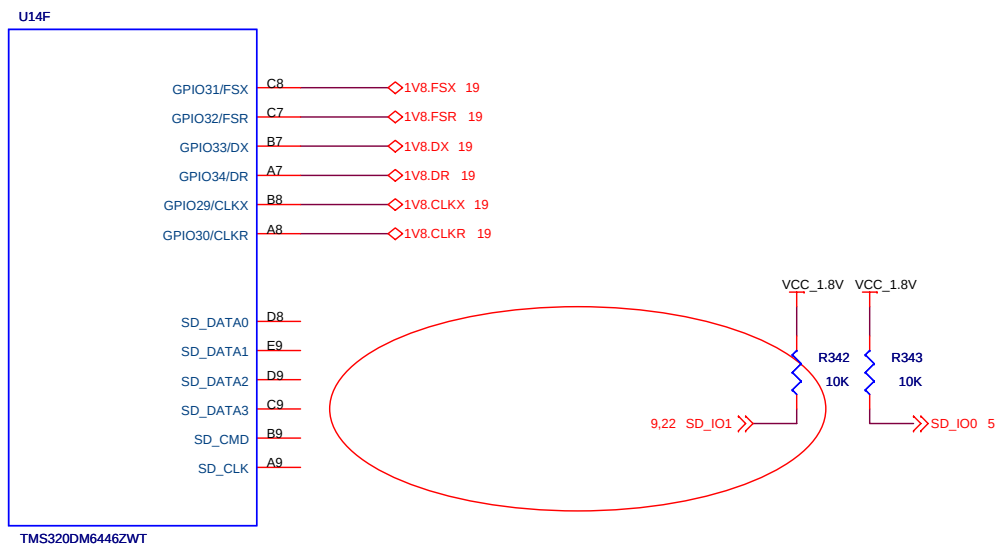
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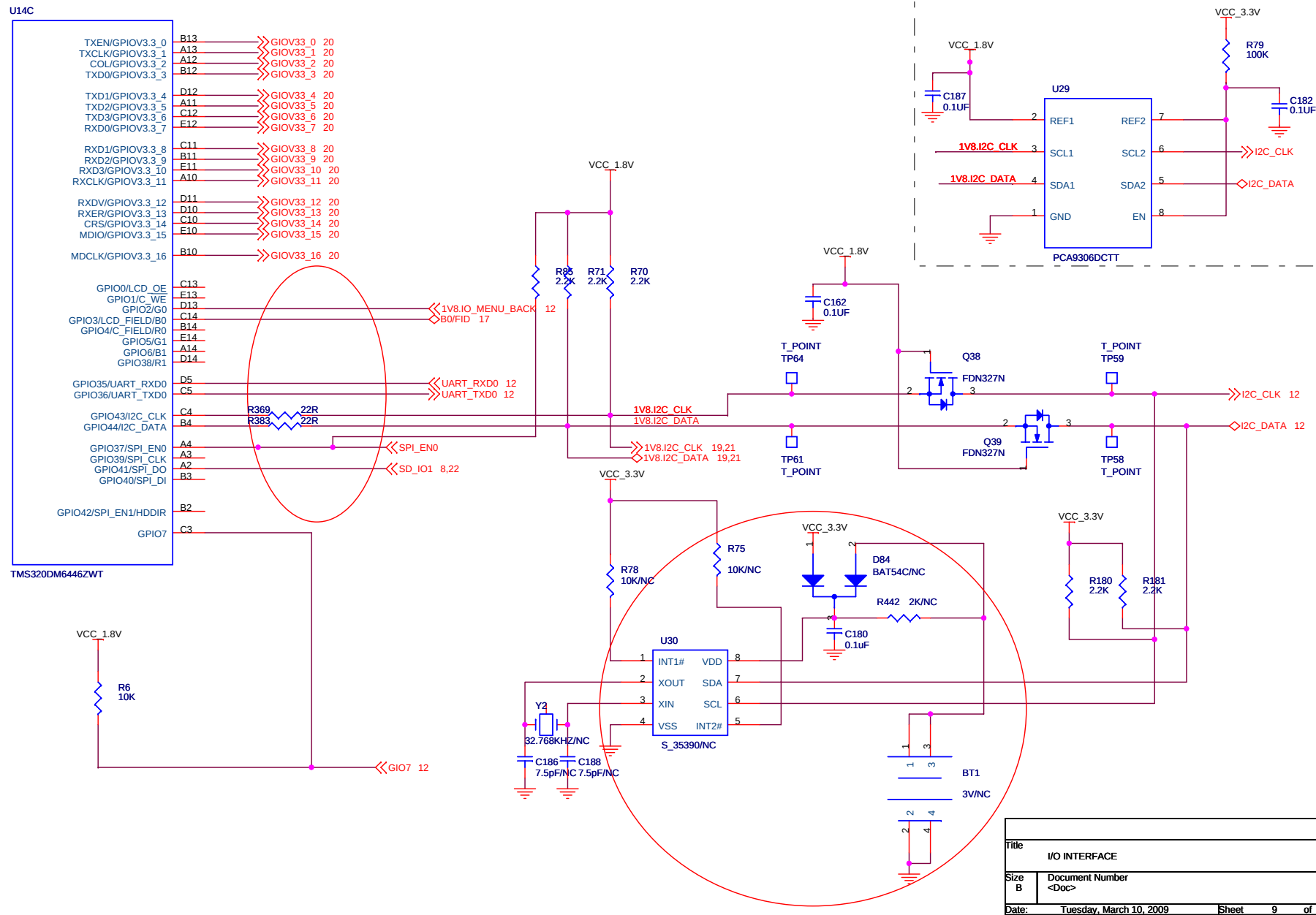
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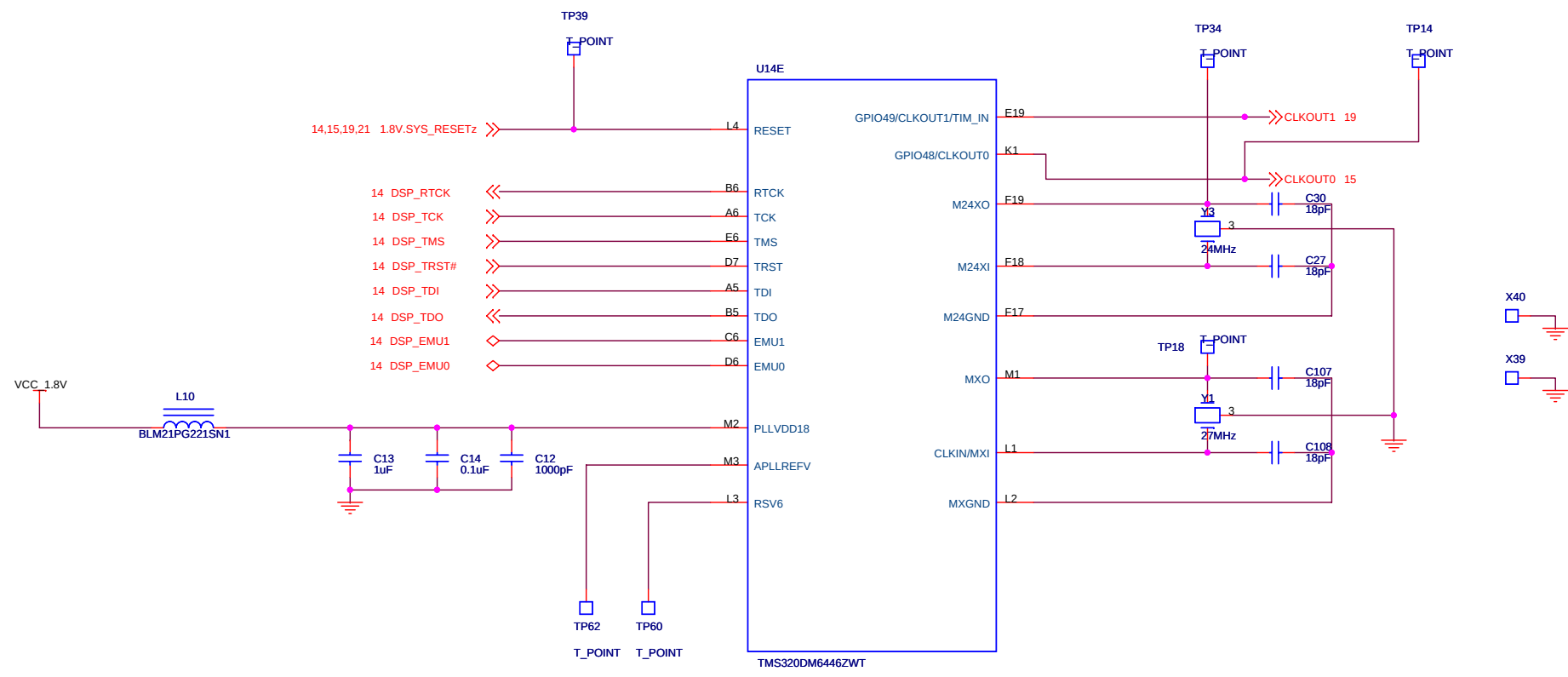
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USB and SD/MMC CONTROLLER		
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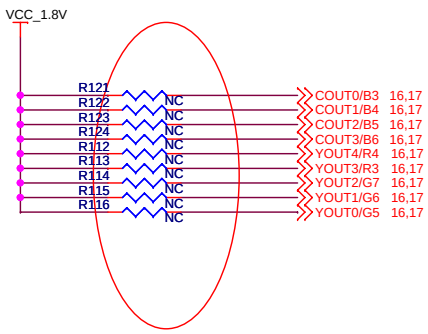


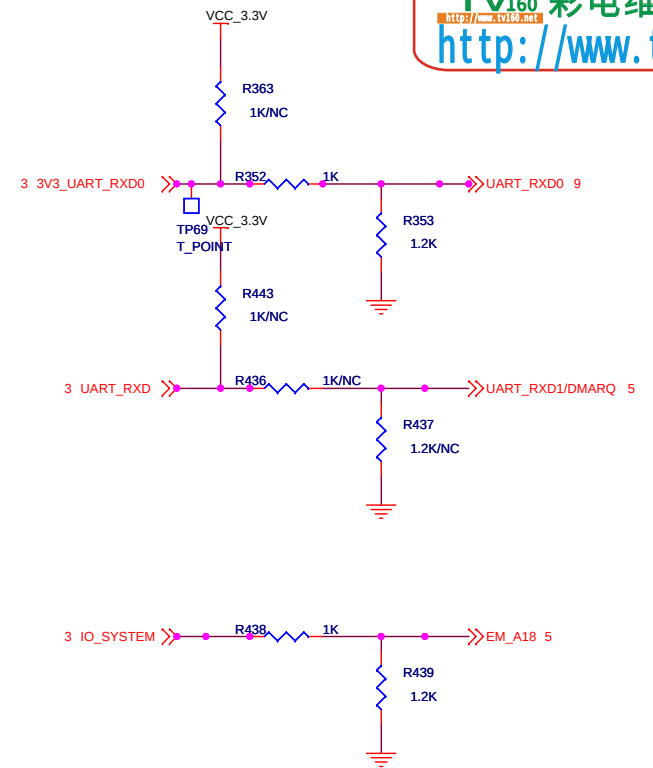
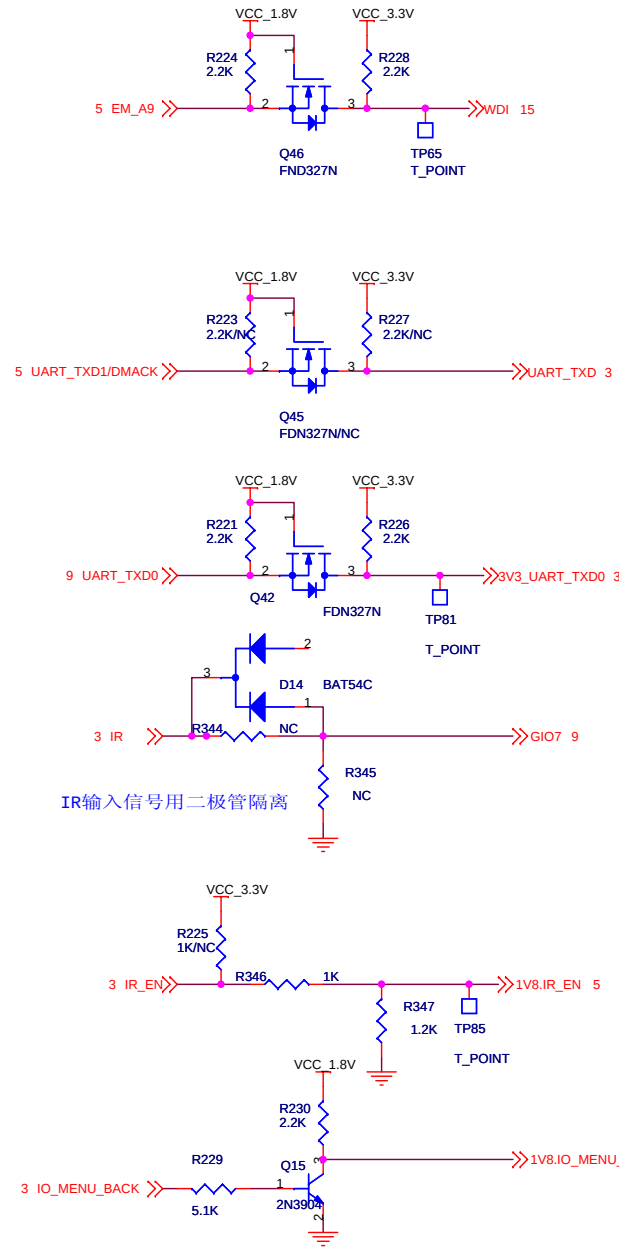
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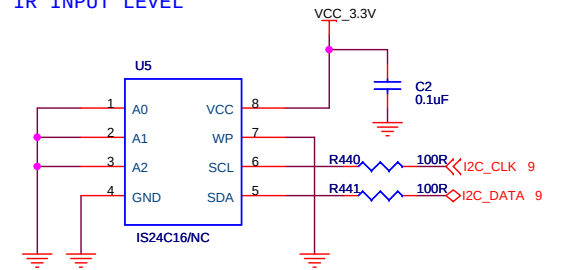
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BOOT CONFIGURATION SWITCH			
PINS	MODE	FUNCTION	SWITCH S1
COUT[1:0]	BTSEL[1:0]	SELECT ARM BOOT MODE	S1-2=XXX S1-1=XXX S1-2=XXX S1-1=XXX S1-2=XXX S1-1=XXX S1-2=XXX S1-1=XXX
		Non-secure device	
		00 = BOOT FROM ROM(NAND)	
		01 = BOOT FROM AEMIF	
		10 = BOOT FROM ROM(HPI)	
COUT2	8_16	11 = BOOT FROM ROM(UART)	
		SELECT AEMIF CS2 BUS WIDTH	
		0 = 8-BIT	
COUT3	DSP_BT	1 = 16-BIT	
		DSP BOOT	
		0 = ARM BOOTS GEM	
YOUT[4:0]	AEAW[4:0]	1 = GEM Self-BOOTS	
		Address Bus Width	
		ALL ADRESS LINES GPIO	

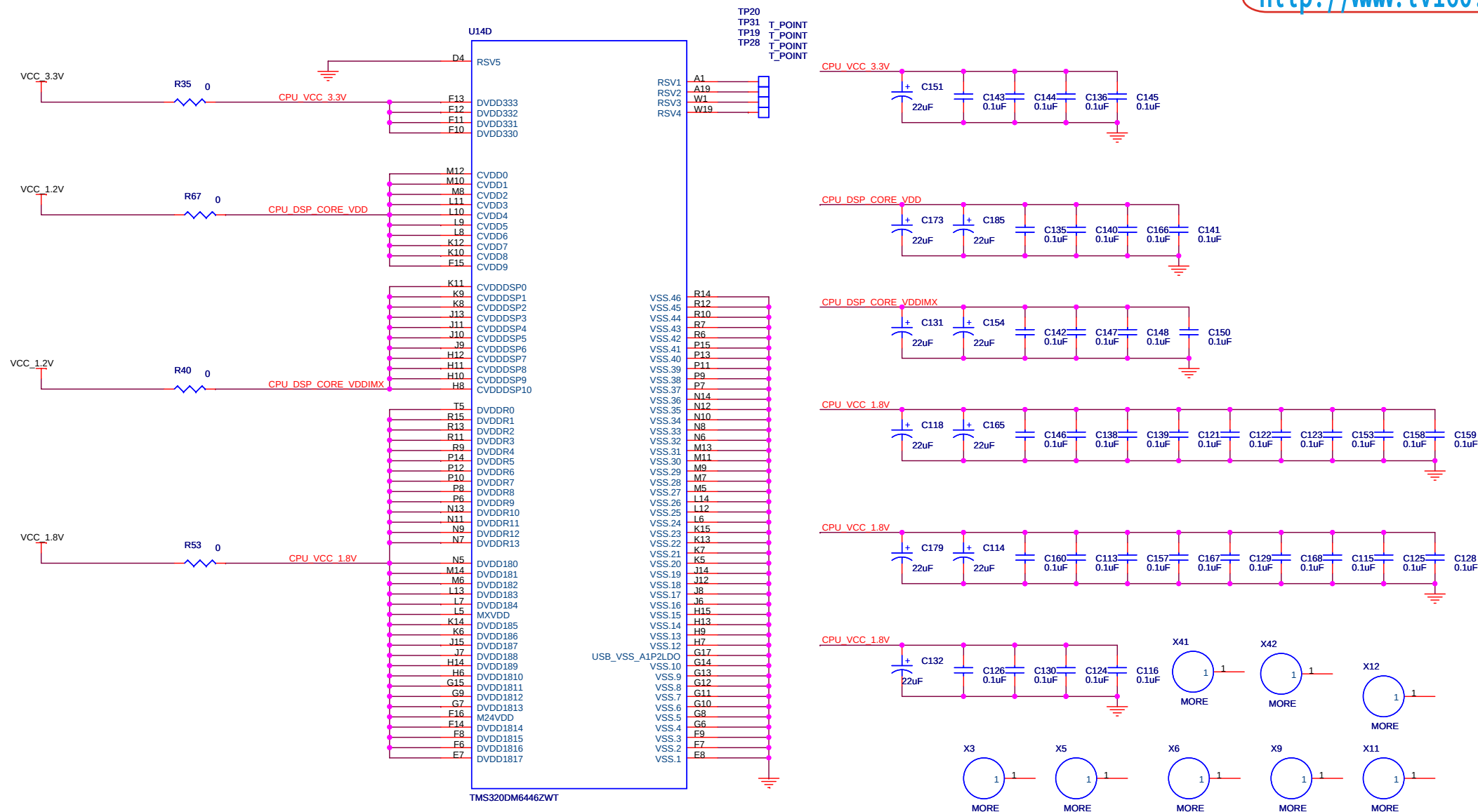




ADJ IR INPUT LEVEL



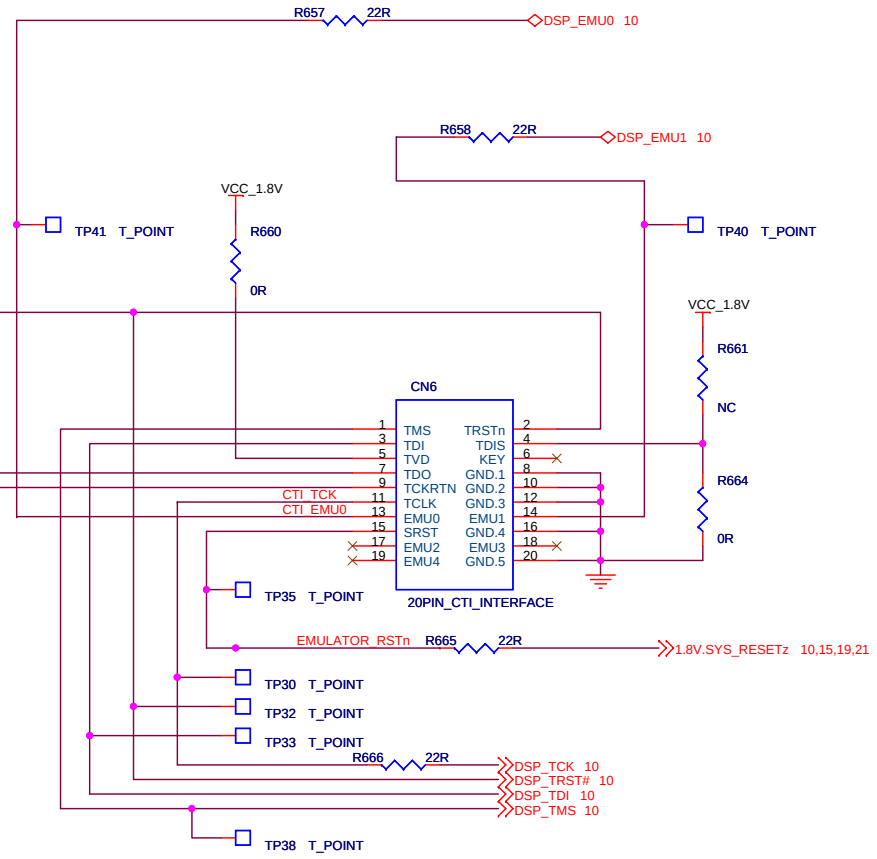
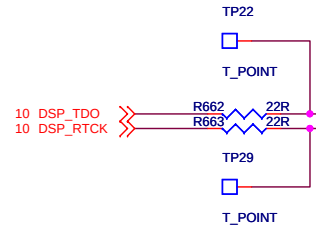
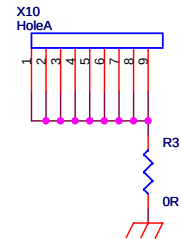
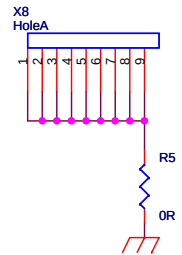
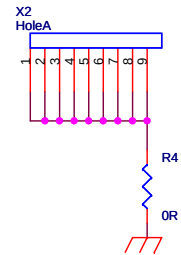
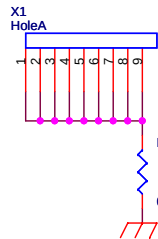
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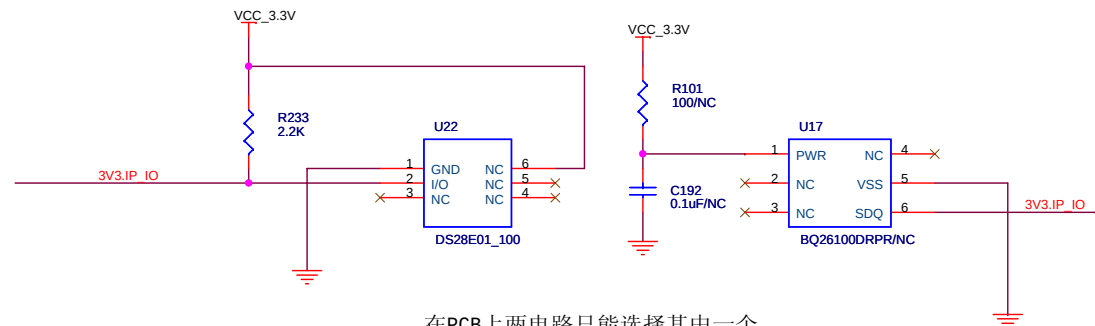
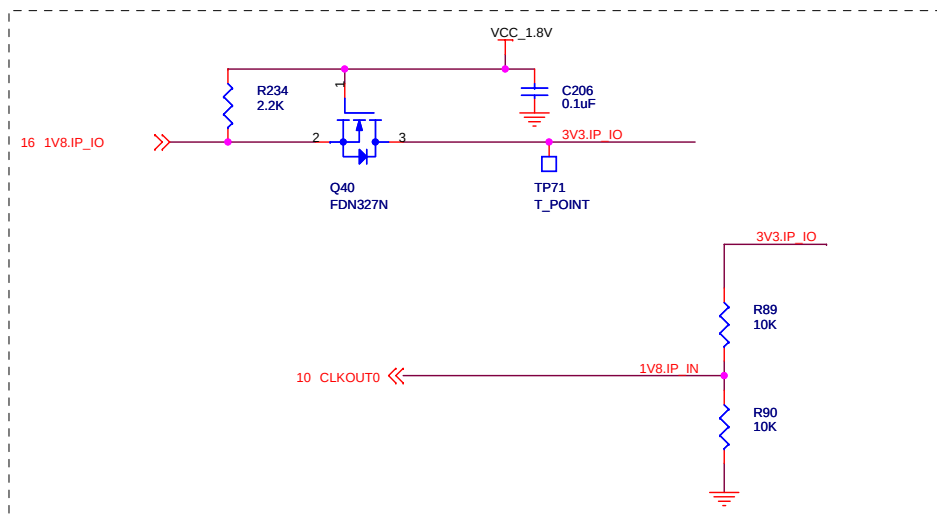
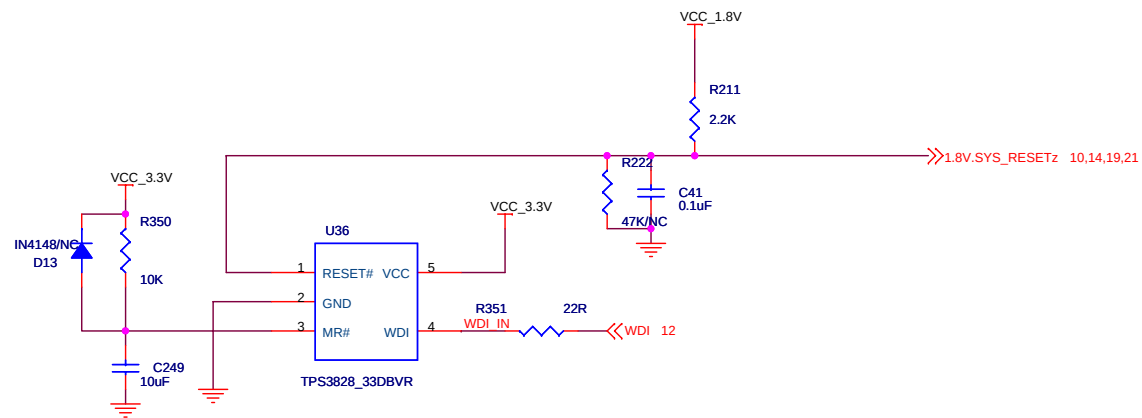
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S2/ S1 SETTI NGs				
S1 1- 2	S1 4- 5	S2 2- 3	S2 5- 6	TI COMPATABLE EMULATOR

10,15,19,21 1.8V.SYS_RESETz >>

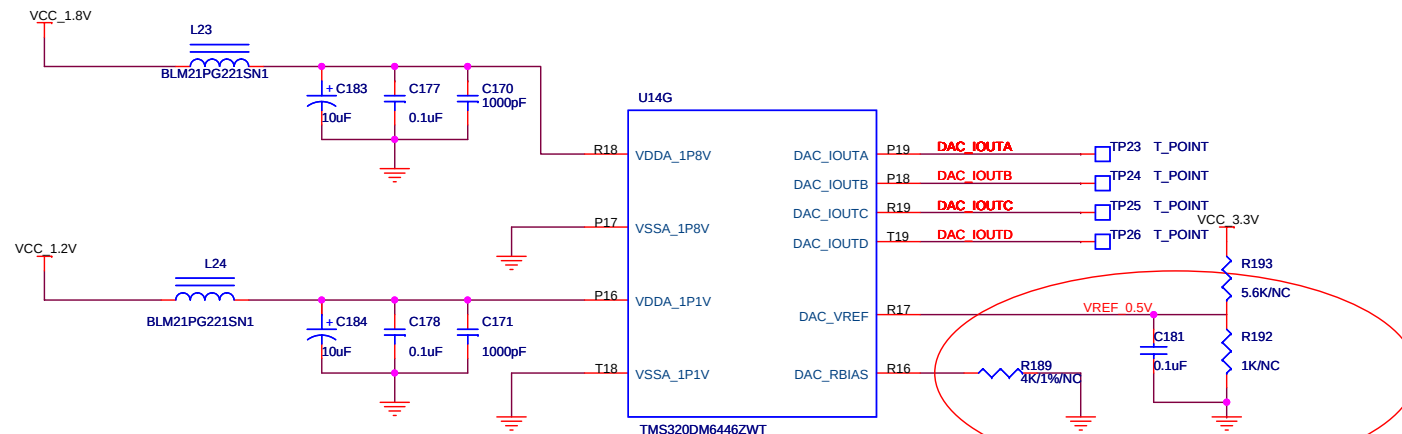
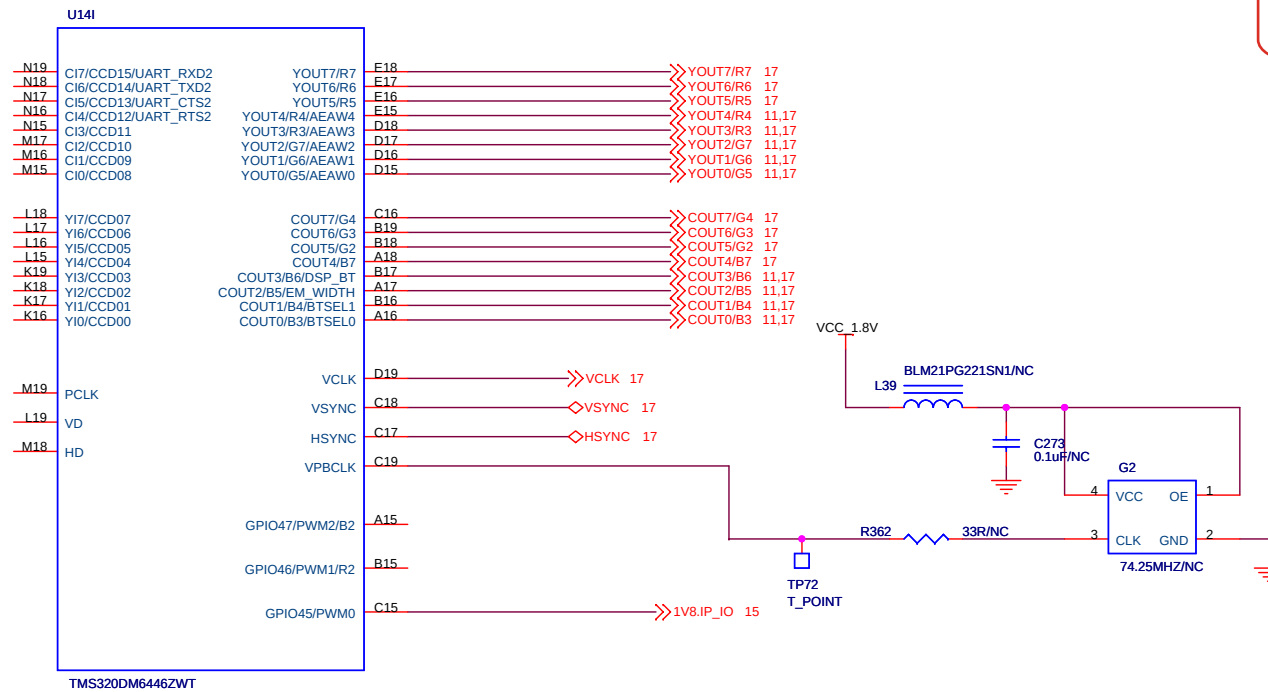


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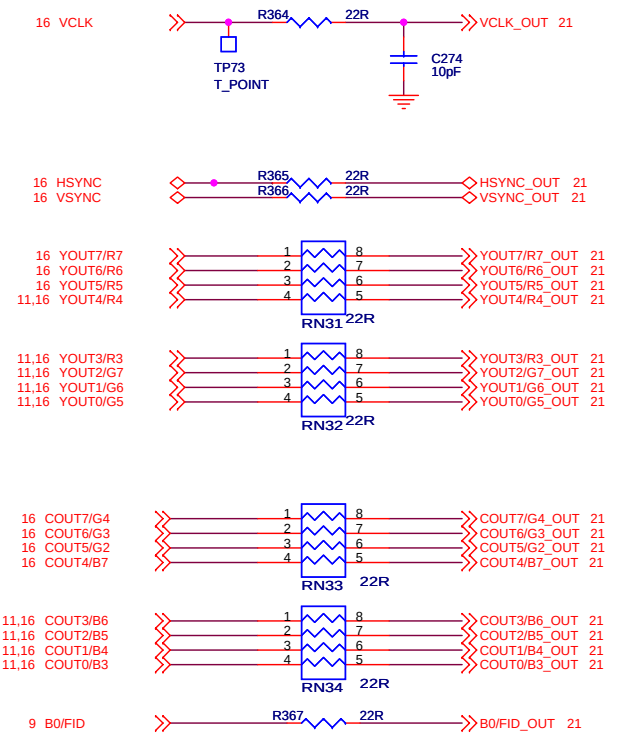


在PCB上两电路只能选择其中一个，
另外的电路的器件则NC

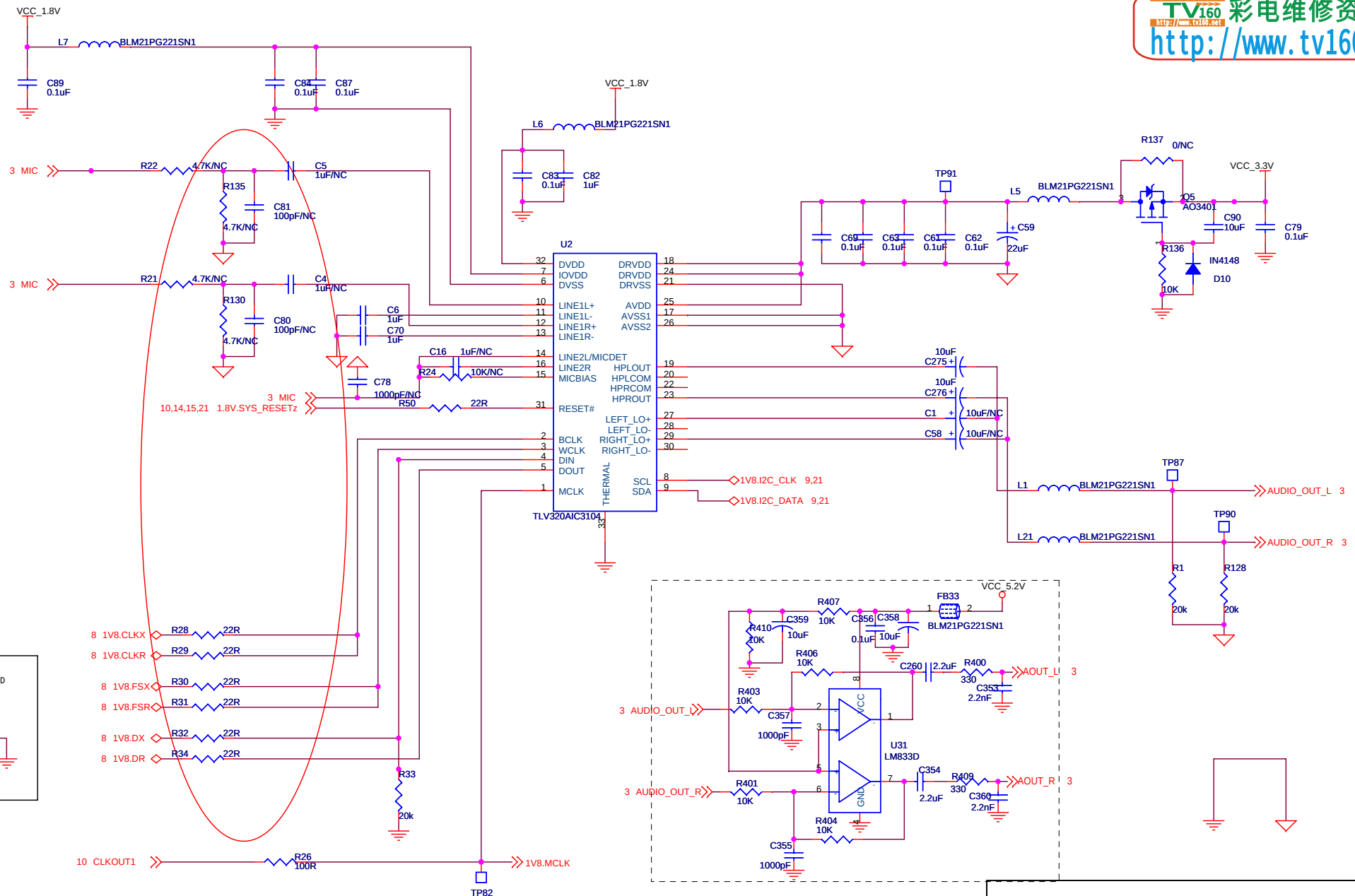
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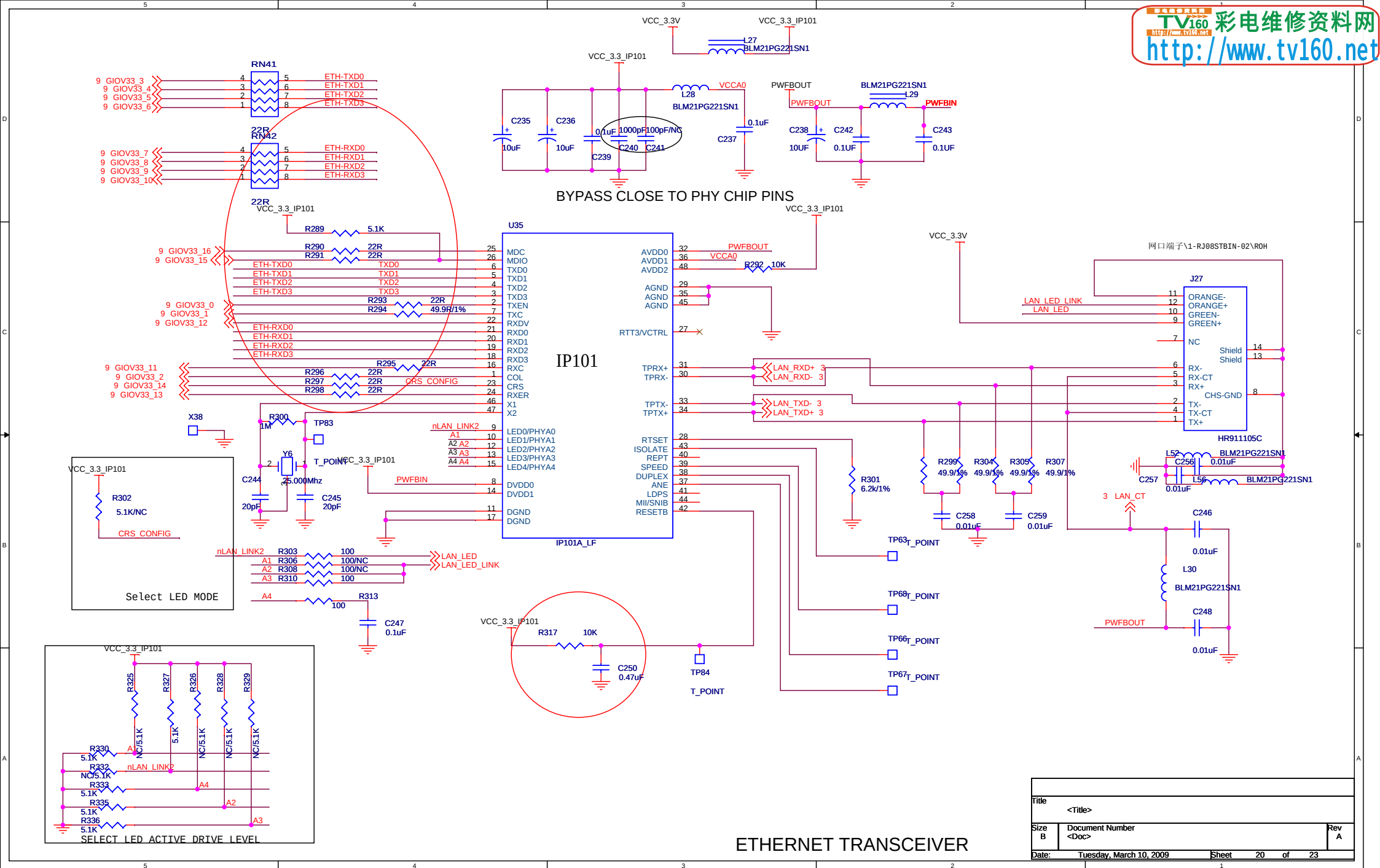
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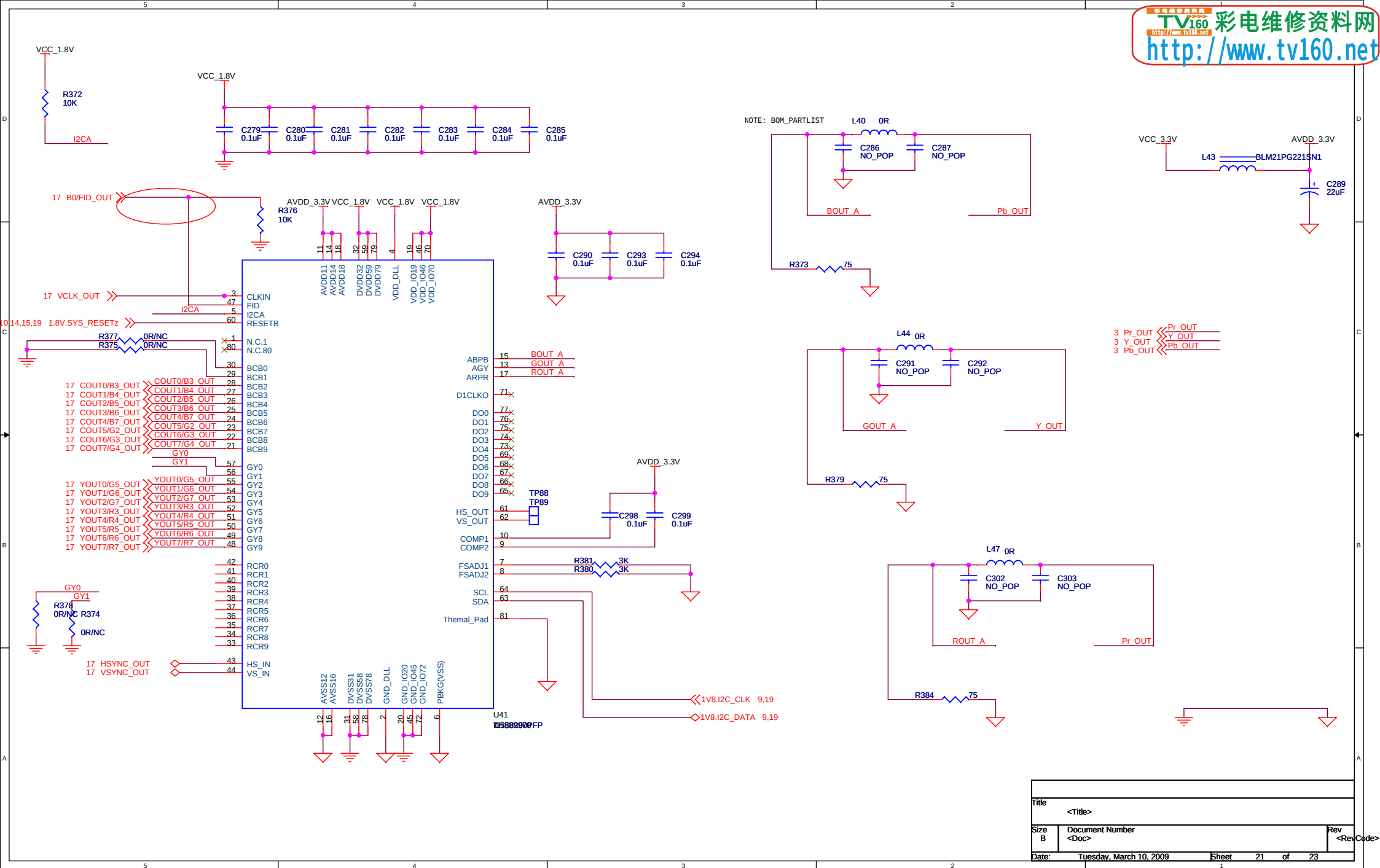


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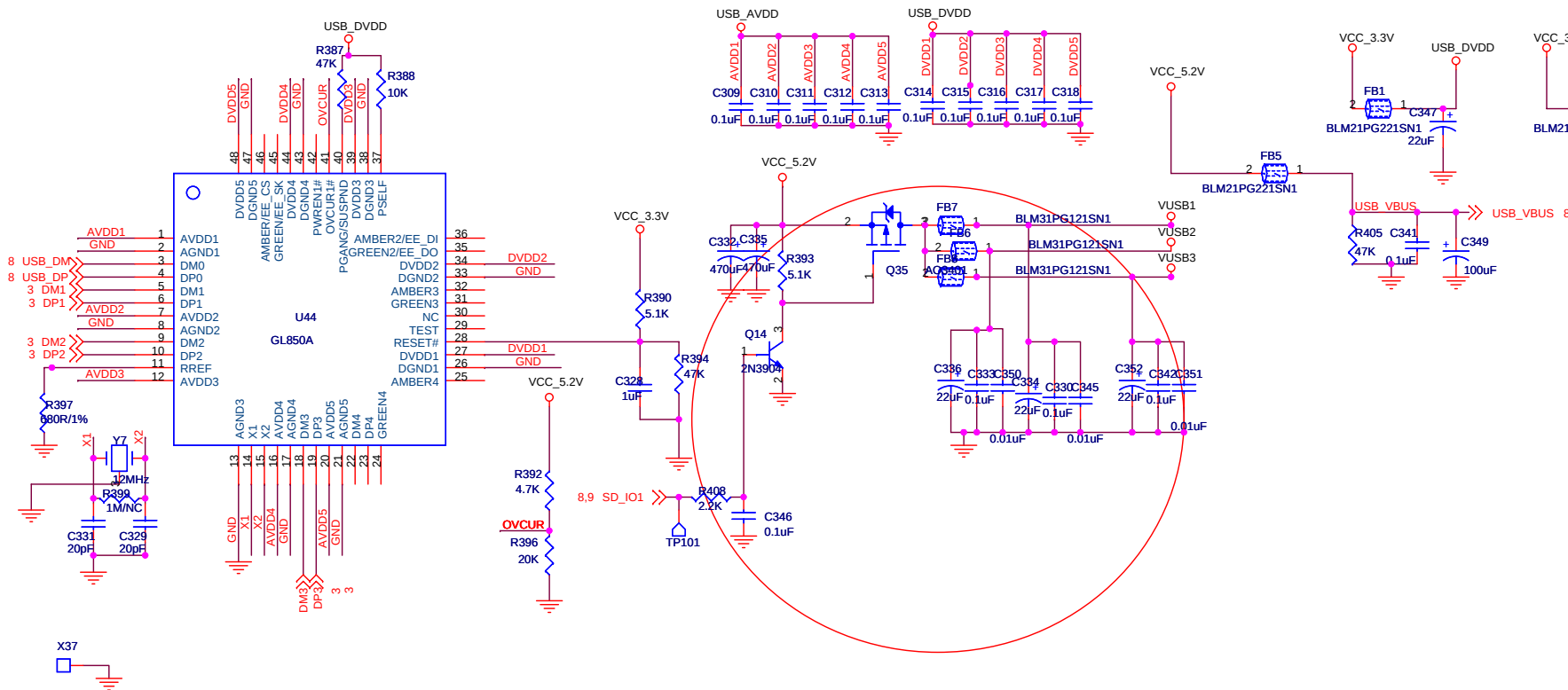


ETHERNET TRANSCEIVER

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Styleflying		CONFIDENTIAL	
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