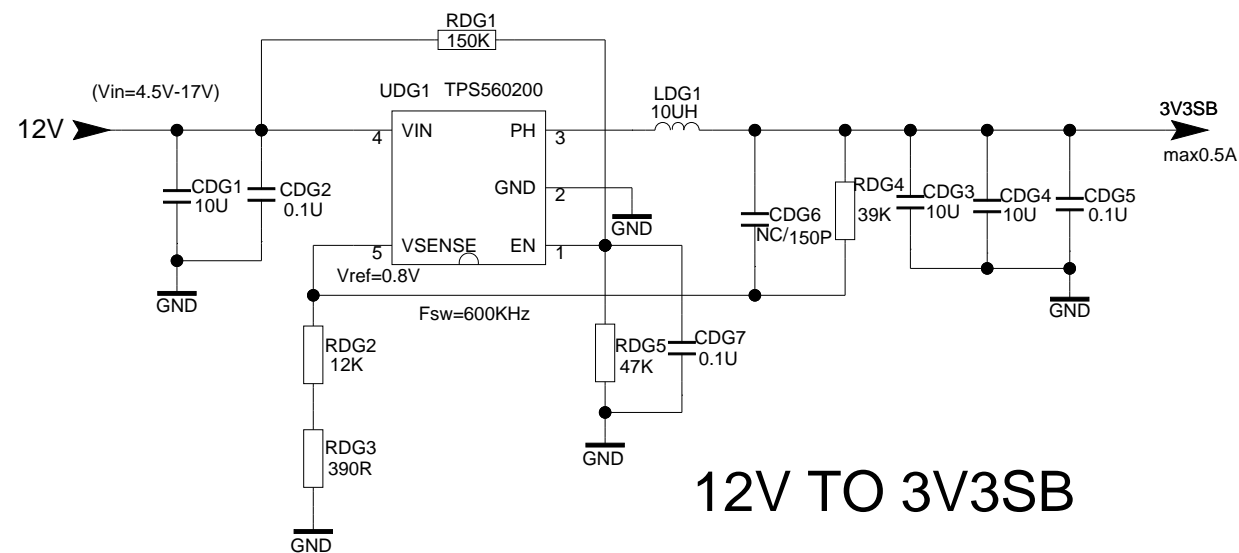
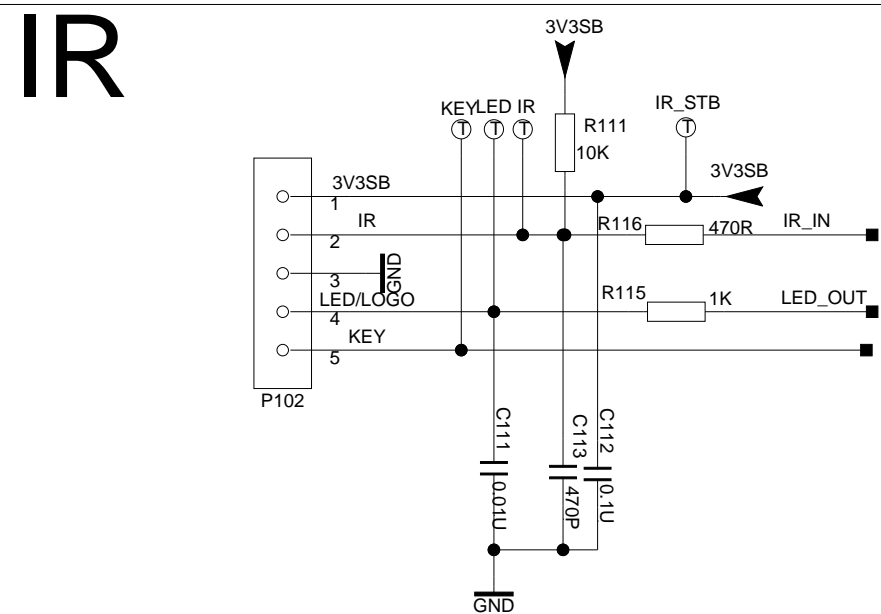


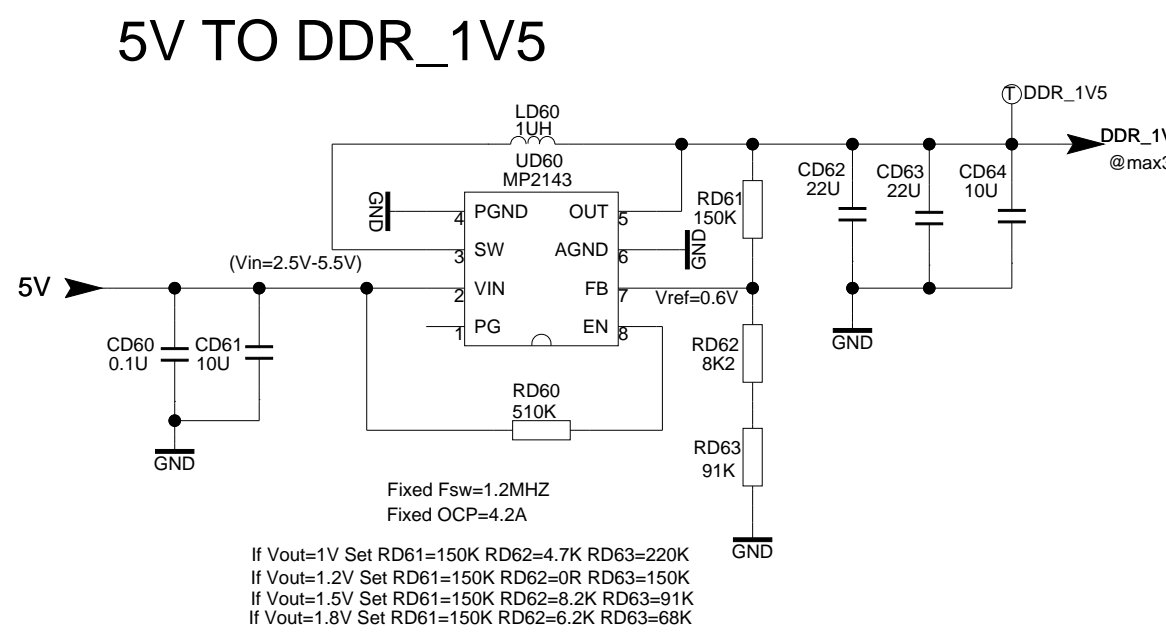
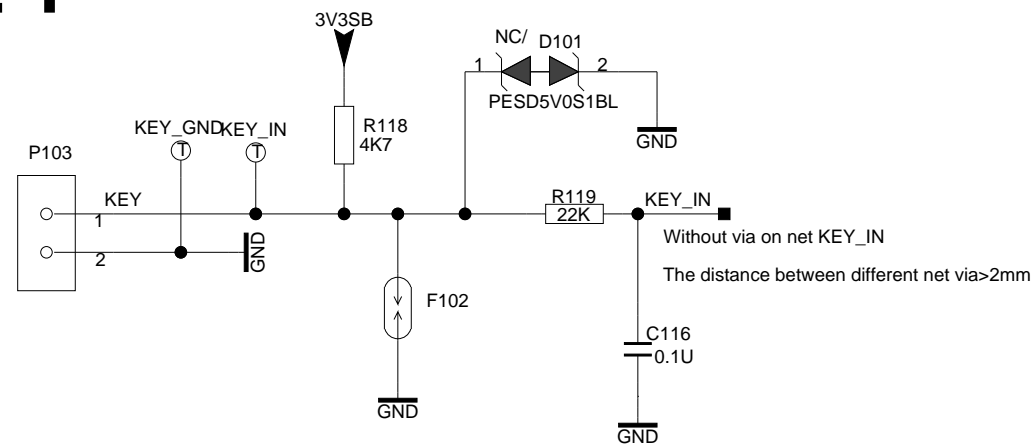
MAIN POWER



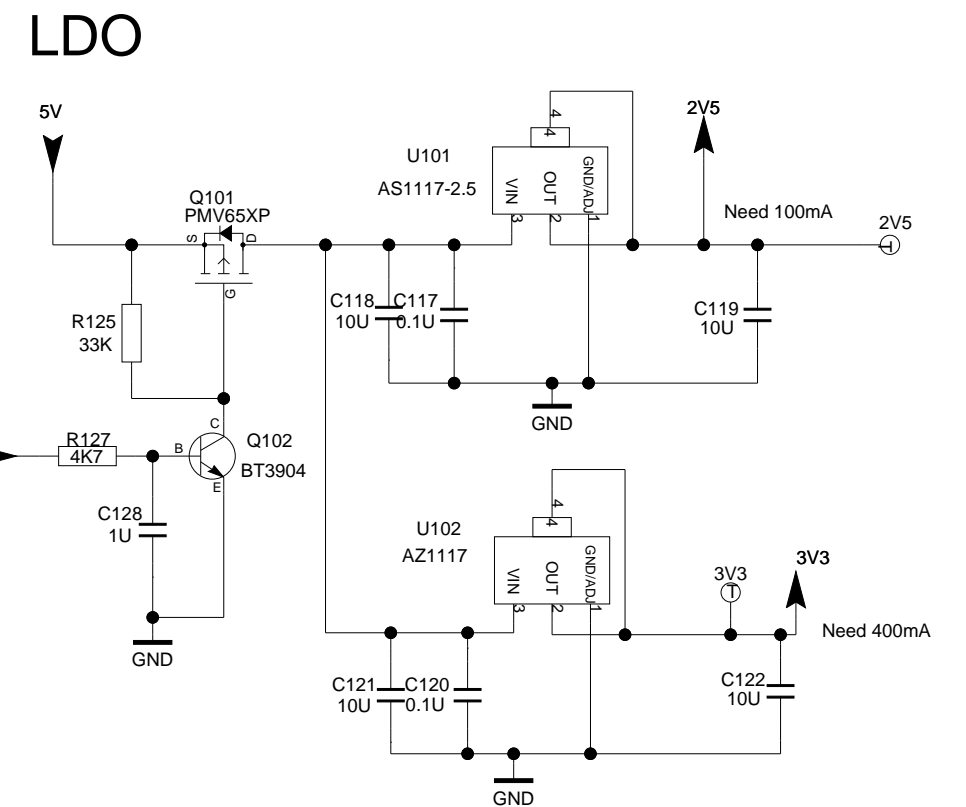
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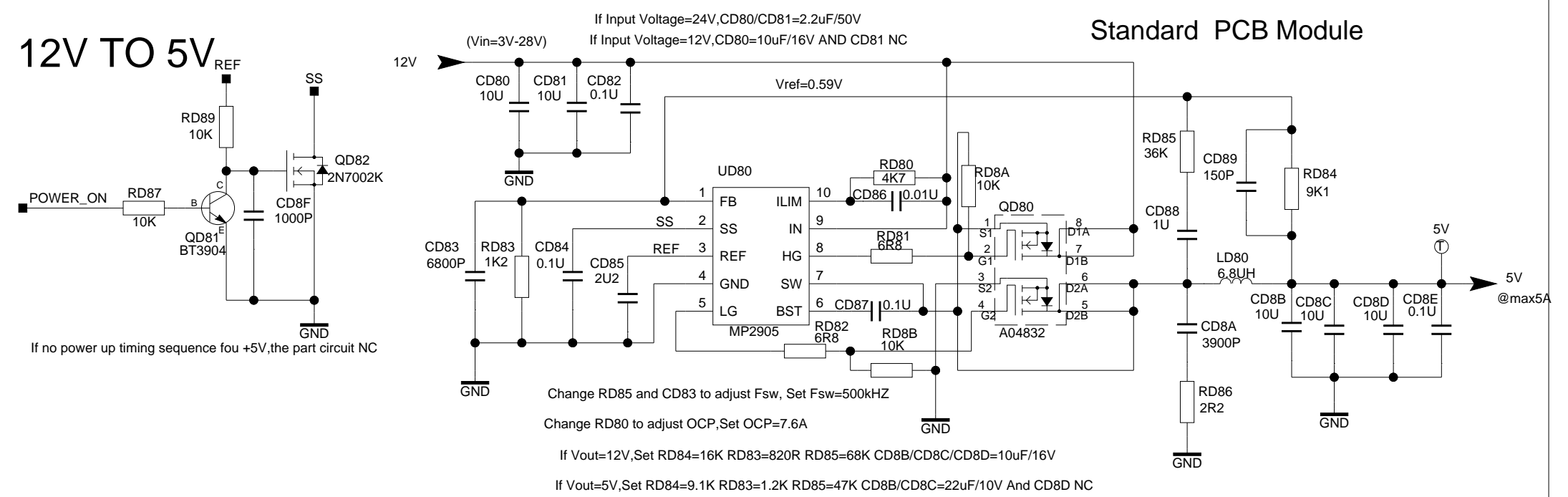
KEY



5V TO DDR_1V5

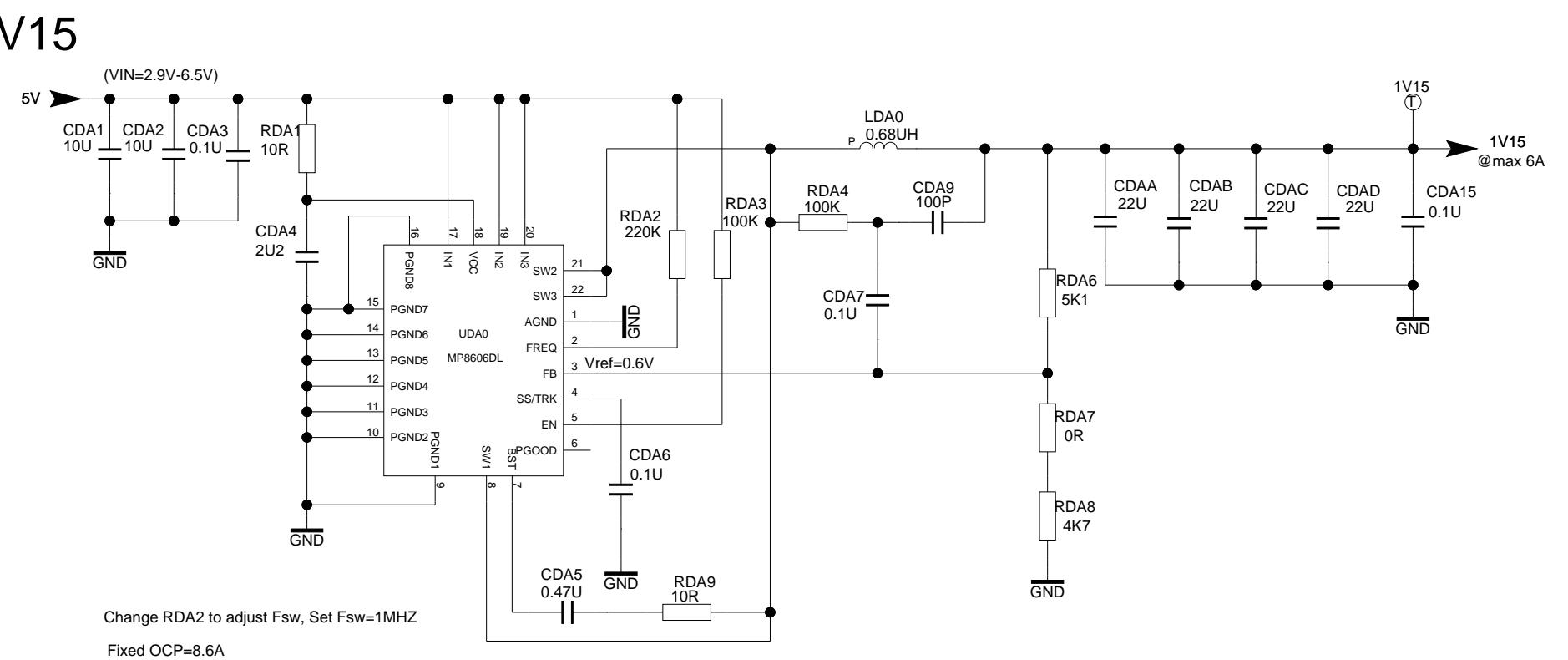


LDO




12V TO 5V

Standard PCB Module



5V TO 1V15

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...	DD-MM				
...	DD-MM	DESIGNATION				
Index-Lab	DATE	NAME	DESCRIPTION	Last modified	DRAWN	CHECKED	PAGE:	
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						BY:	BY:	OF :	

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TCL

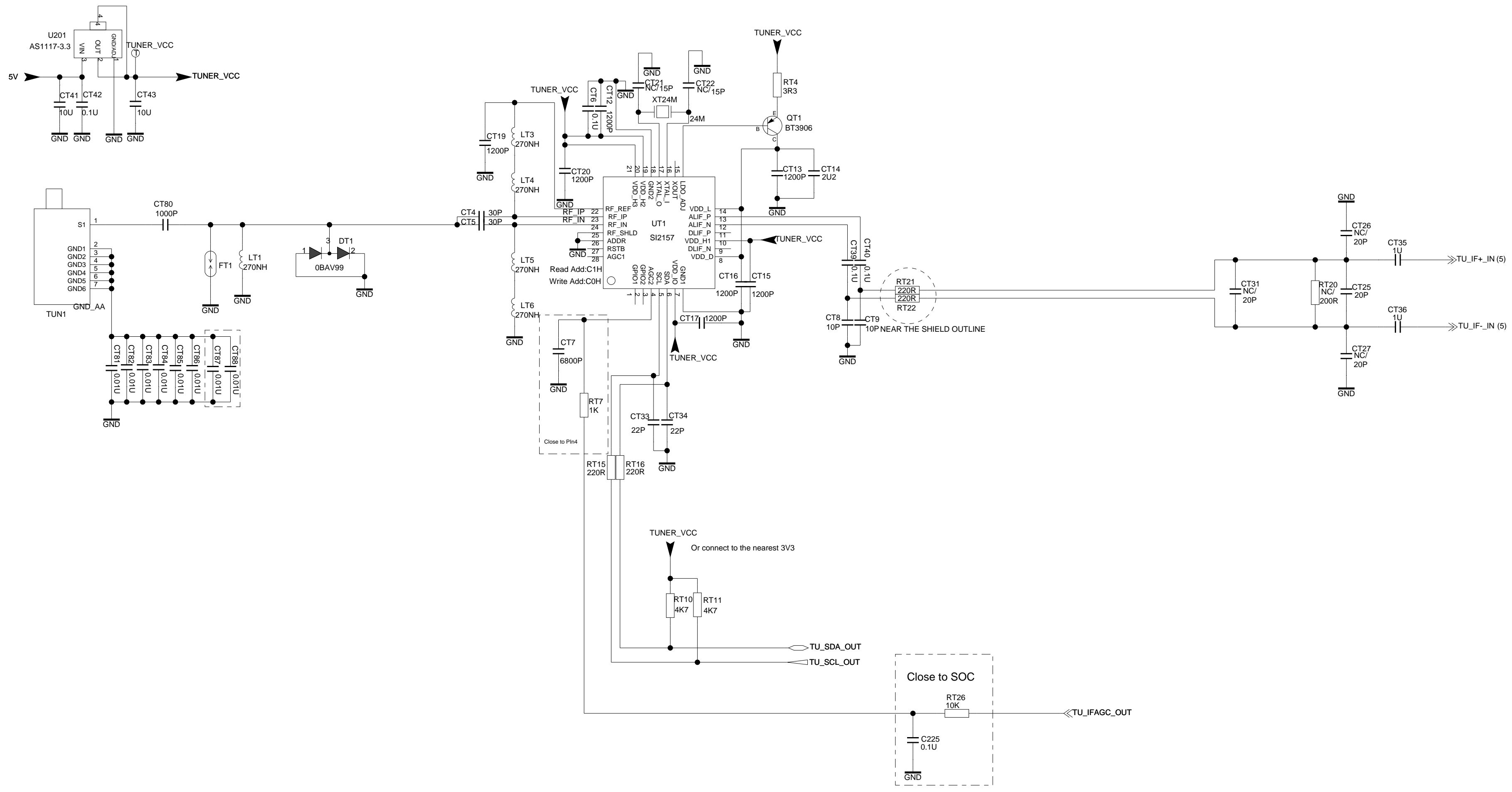
ADDRESS1
ADDRESS2
ADDRESS3
TELEPHONE

DRAWN
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ON: DD-MM-YY
BY:

PAGE:
OF :

03_Tuner5:SI2157_ONBOARD Isolator



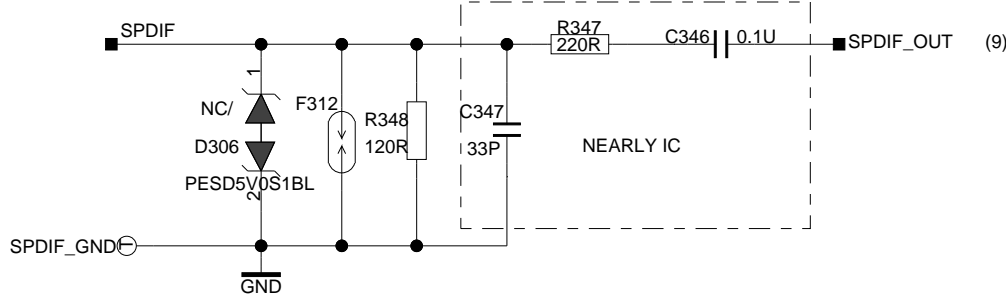
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					SBU :	<div>TTE</div> <div>TCL Thomson Electronics Singapore Pte. Ltd. 8 Jurong Hall Road #28-01/06 The JTC Summit SINGAPORE 609434 Tel (65) 63092900 Fax (65) 63092999</div>	
					TCLNO:		

					DESIGNATION	<div>DRAWN</div> <div>ON: BY:</div>	
					DESIGNATION		<div>CHECKED</div> <div>BY:</div>
							<div>PAGE:</div> <div>OF :</div>
Index-Lab	DATE	NAME	DESCRIPTION	Last modif			
Last saved :							

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[illegible]

Must be differential 100ohm

TX1P R350 2R2
TX1N R351 2R2

NC/ D80
ESD1014-D

NC/ D381
ESD

GND

RX1P R352 2R2
RX1N R353 2R2

U301
TS8121CLF

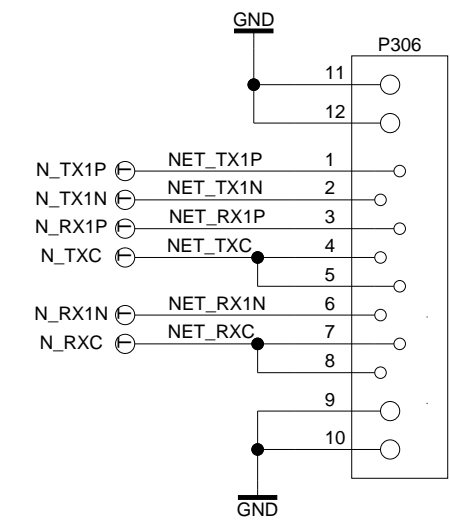
16 NET TX1P
15
14 NET TX1N
13
12
11 NET RX1P
10
9 NET RX1N

R335 75R
R336 75R
R337 75R
R338 75R

C331 0.1u
C332 0.1u

GND

C330 100p
GND

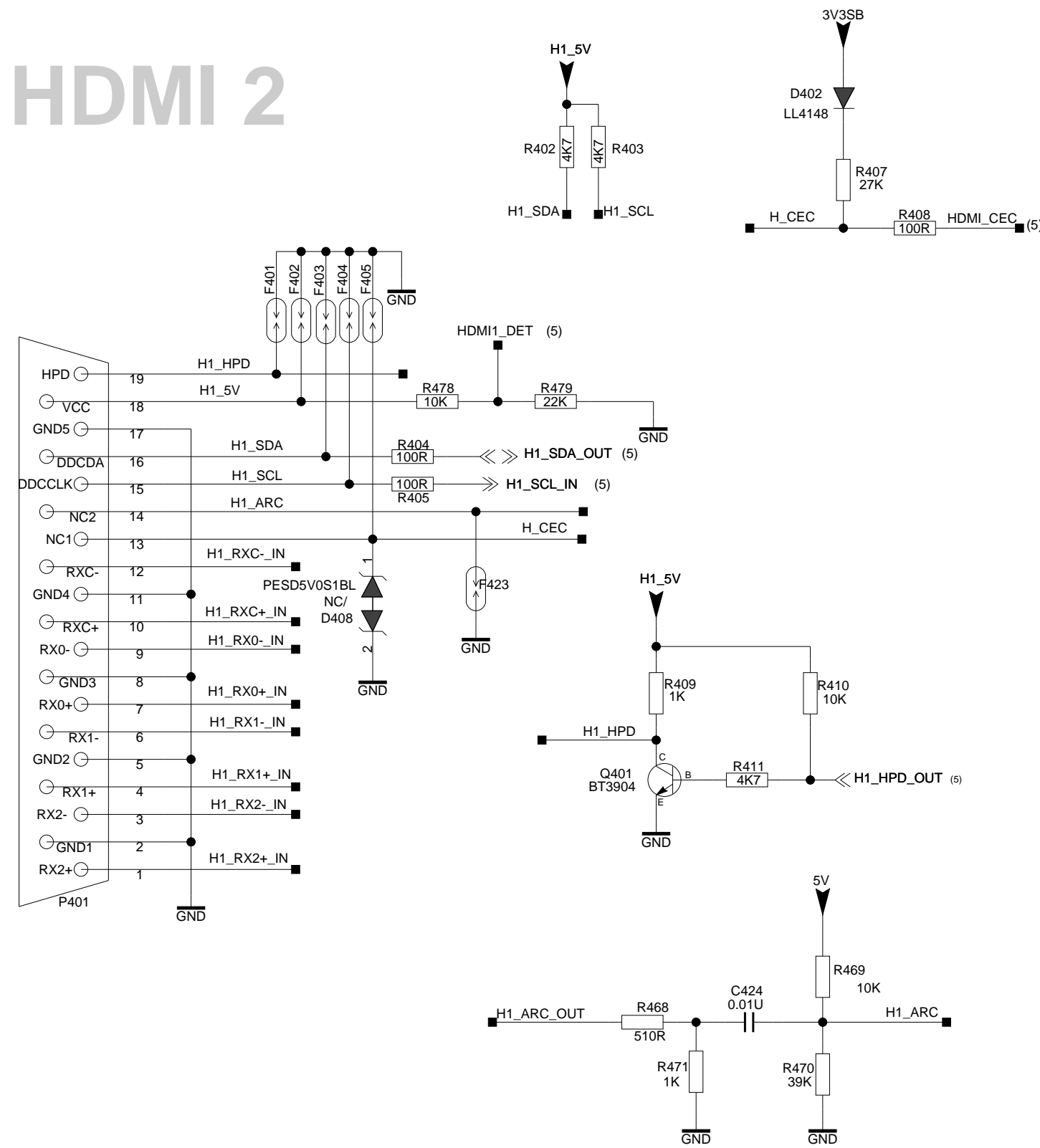


The schematic diagram illustrates the USB-to-UART bridge circuit for the P308 module. The circuit includes a USB connector (P308) with pins 1 (D+), 2 (D-), 3 (VCC), 4 (GND), 9 (D+), 10 (D-), and 11 (GND). A USB-to-UART bridge IC (F381) is connected to the USB pins. The bridge IC has four pins: F380 (D+), F381 (D-), F382 (VCC), and F383 (GND). The bridge IC is connected to a UART module (R387) via a 470R resistor (R390) for TX and a 2R2 resistor (R386) for RX. The UART module has pins for UART_TX (R387), UART_RX (R390), USB2_D+ (R386), and USB2_D- (R387). The bridge IC is also connected to a 5V USB supply (USB2_VCC) and a GND pin.

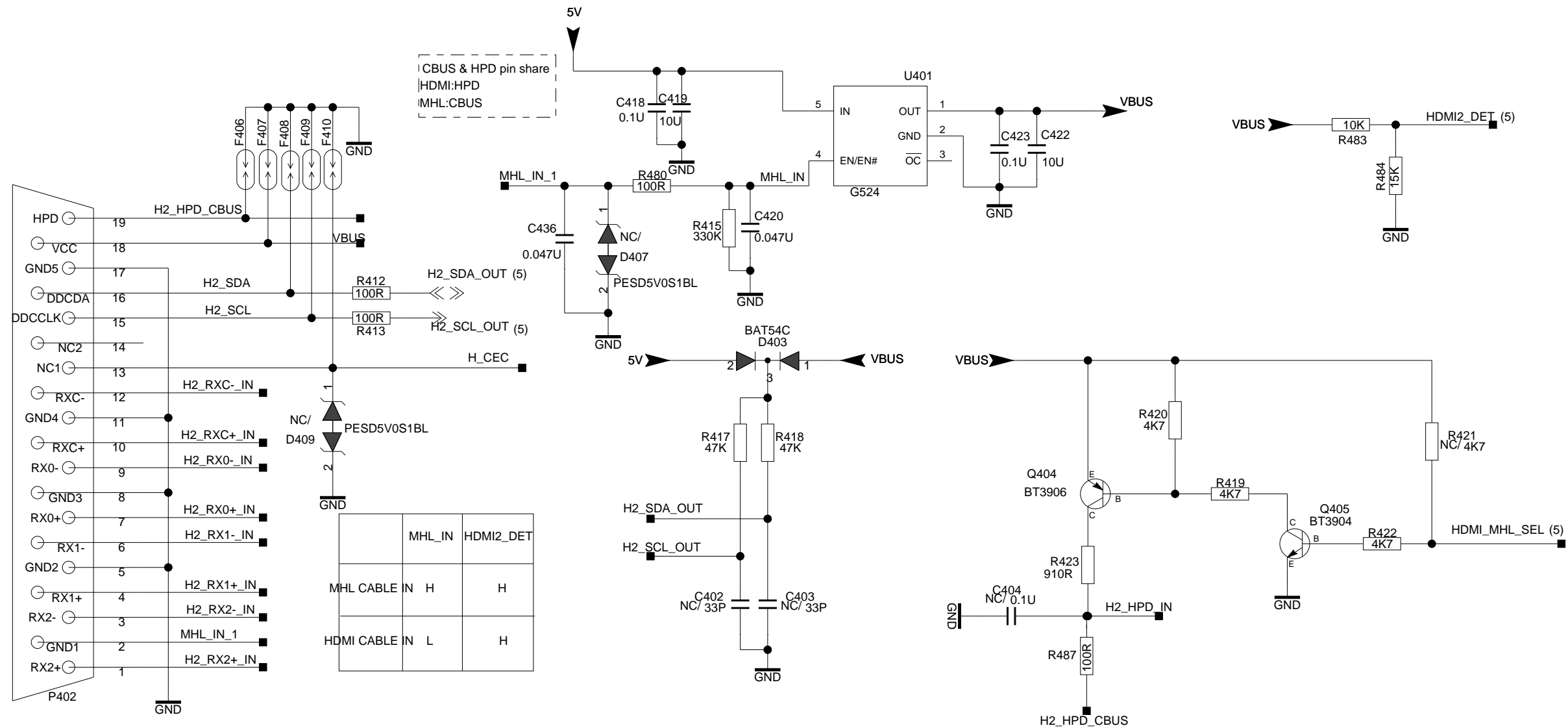
FORMAT DIN A1

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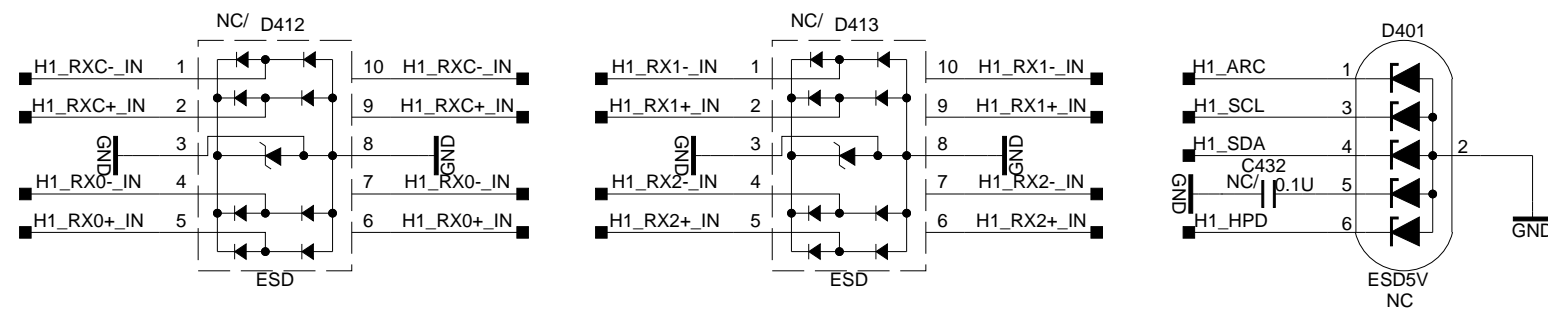
HDMI 2



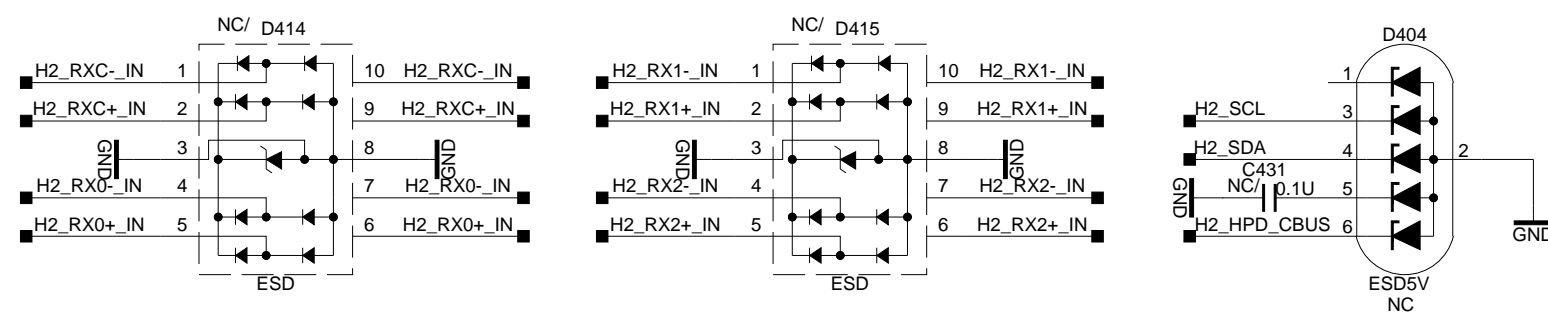
HDMI 1



HDMI ESD Protection



HDMI ESD Protection



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...	DD-MM	TCLNO:
...	DD-MM
...	DD-MM	DESIGNATION
Index-Lab	DATE	NAME	DESCRIPTION	Last modif

Last saved : 4-14-2009_15:28

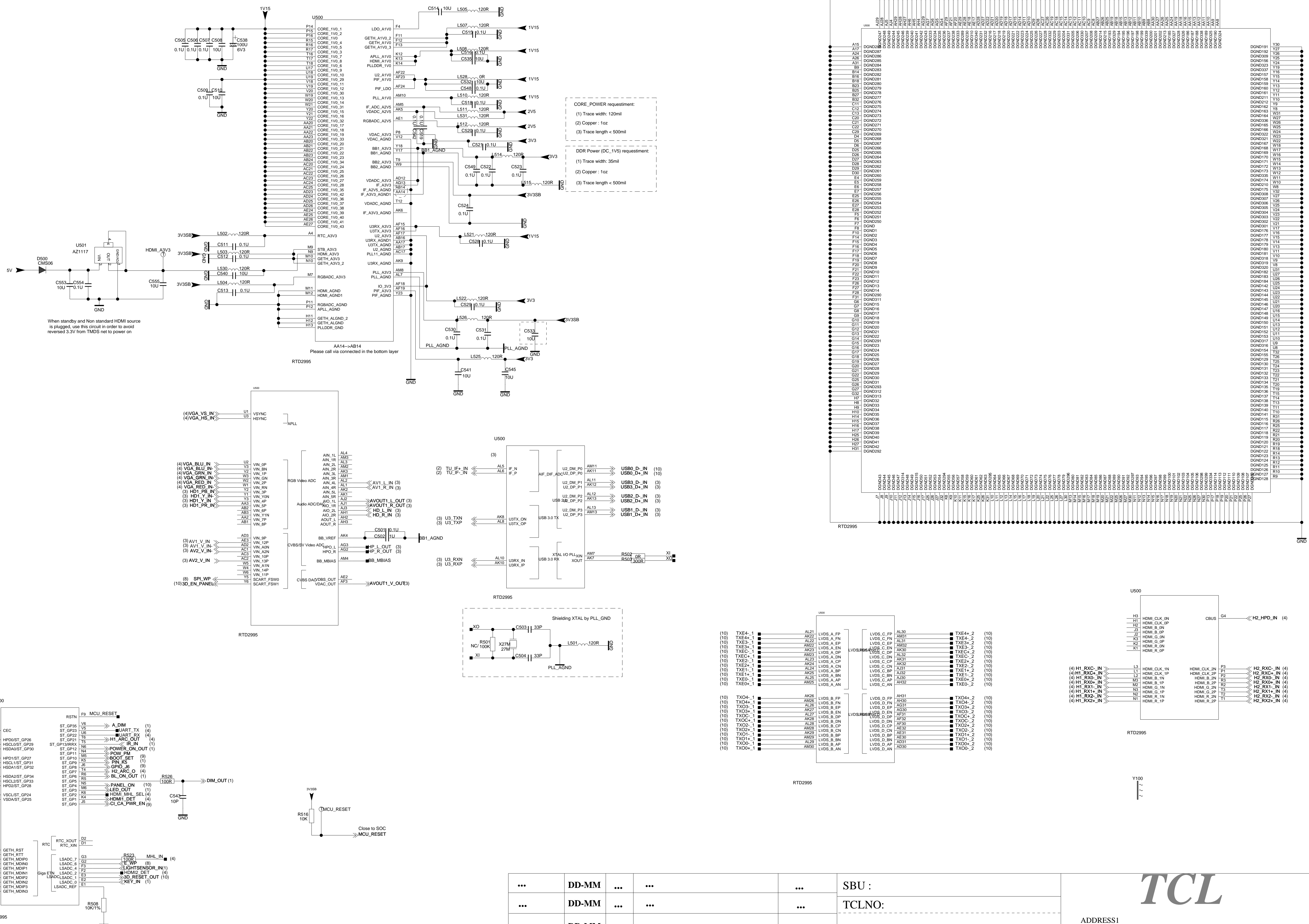
TCL

ADDRESS1
ADDRESS2
ADDRESS3
TELEPHONE

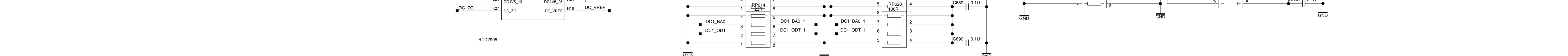
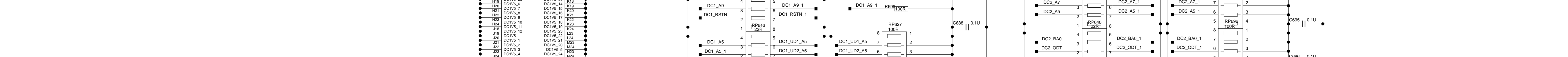
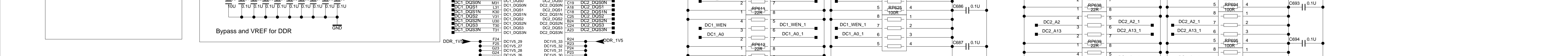
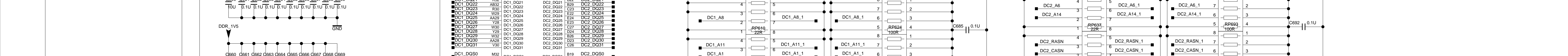
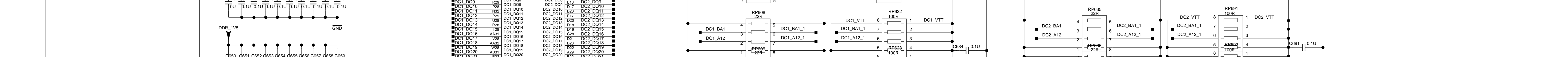
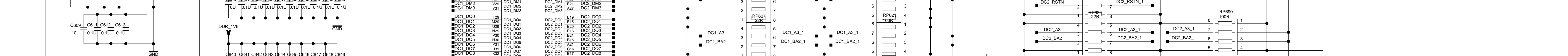
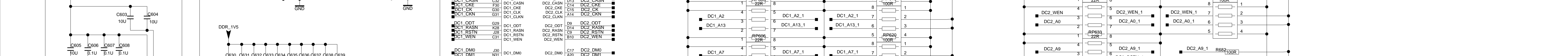
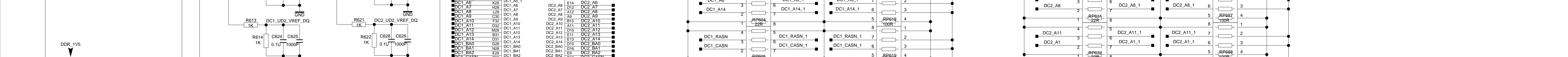
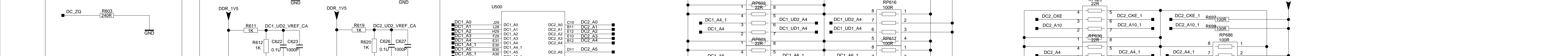
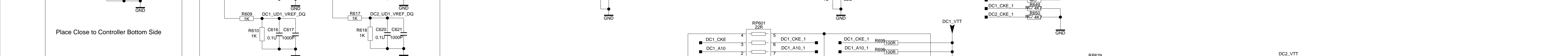
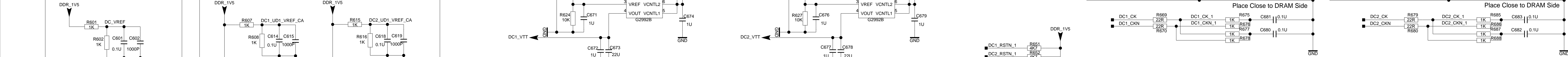
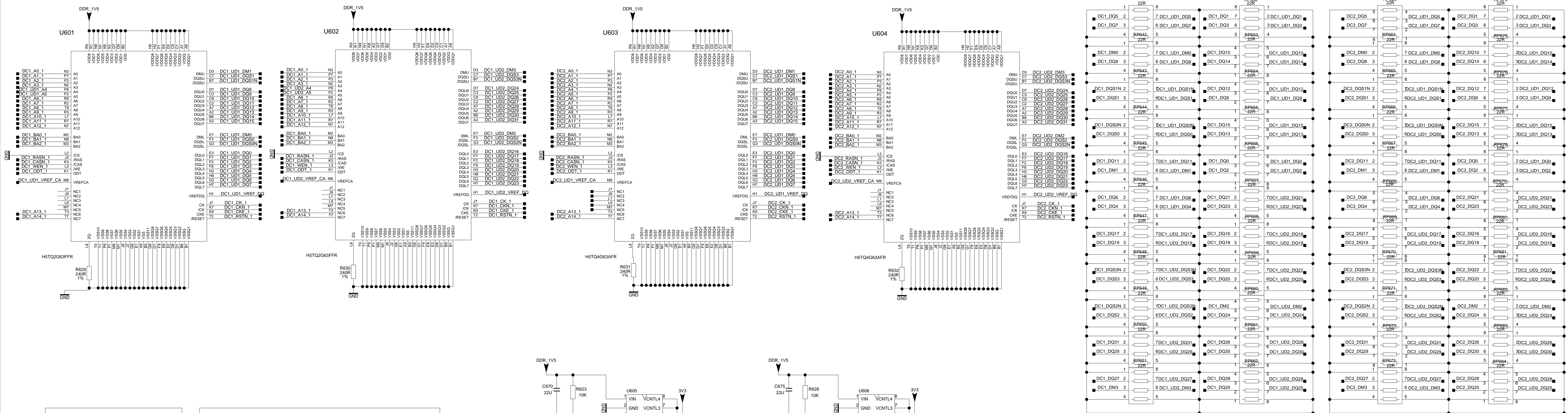
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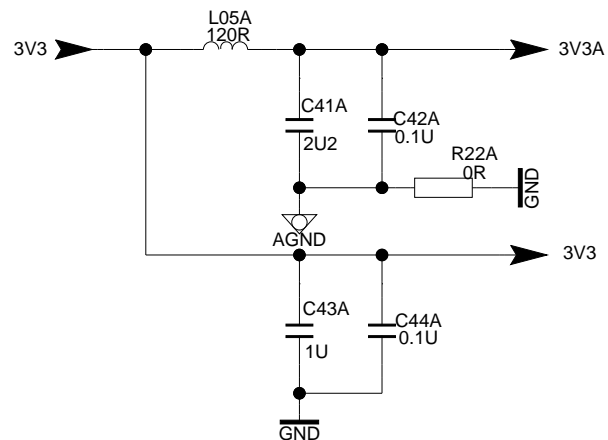
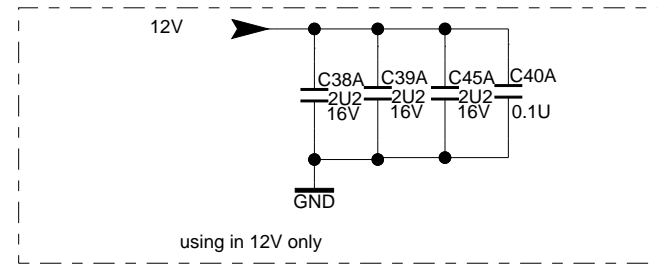
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Index-Lab	DATE	NAME	DESCRIPTION	Last modif						
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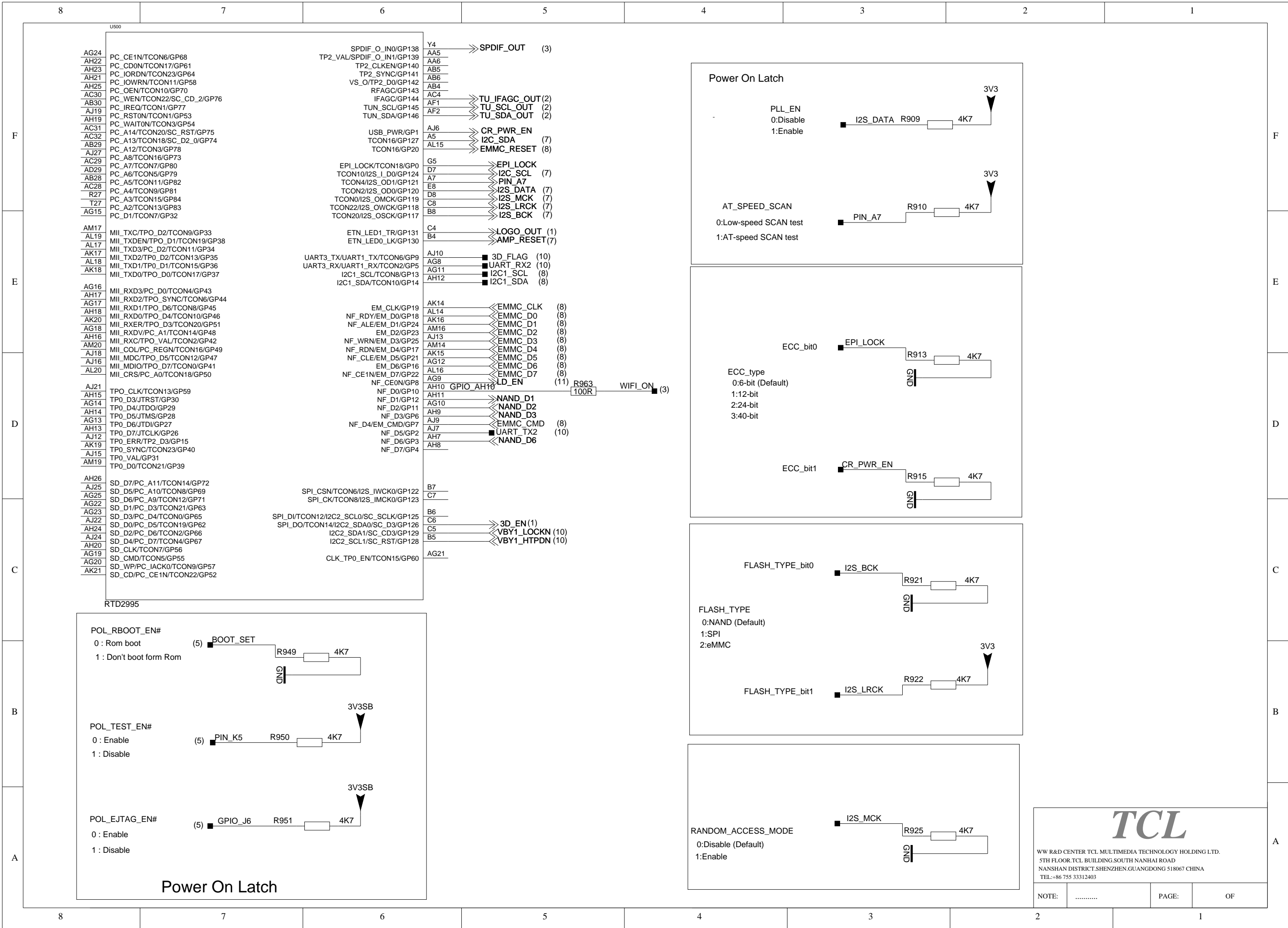
	R02A	R03A	C01A	C02A	C03A	C04A
SOC output MCLK	NC	33R	According to actual need			
SOC don't output MCLK	0R	NC	NC	According to actual need		

...	DD-MM	SBU :	 <p>TCL Thomson Electronics Ltd. B Building, TCL Tower, Nanhai Road Nanshan District, Shenzhen, Guangdong Tel +86-755-3331xxxx Fax +86-755-3331xxxx</p>			
...	DD-MM	TCLNO:				
...	DD-MM				
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Index-Lab	DATE	NAME	DESCRIPTION	Last modif	DRAWN	CHECKED	PAGE:	
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						BY:	BY:	OF :	

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Nanshan District, Shenzhen, Guangdong
Tel +86-755-3331xxxx Fax +86-755-3331xxxx

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	ON: DD-MM-YY BY:	OF :

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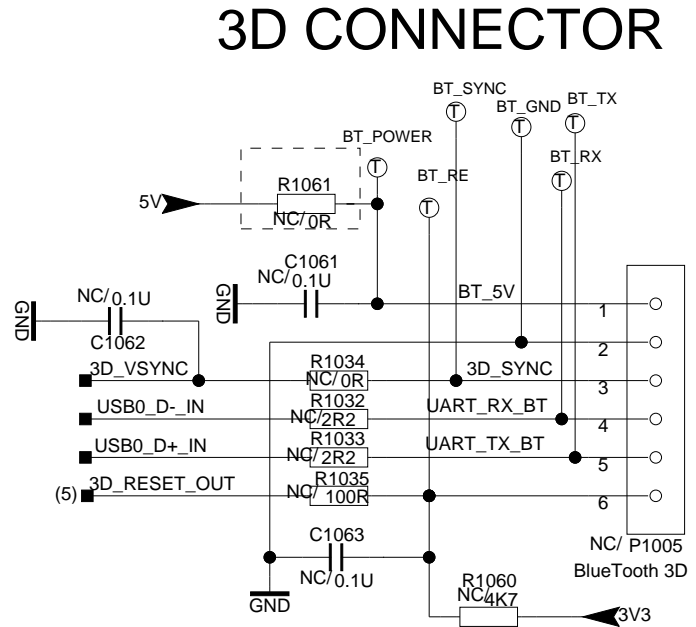
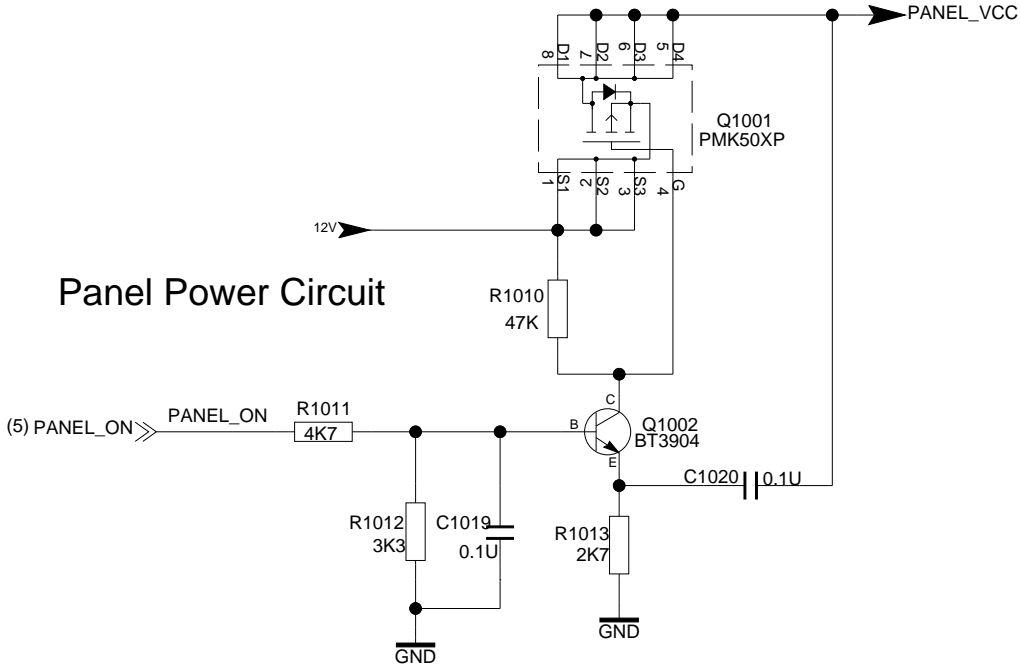
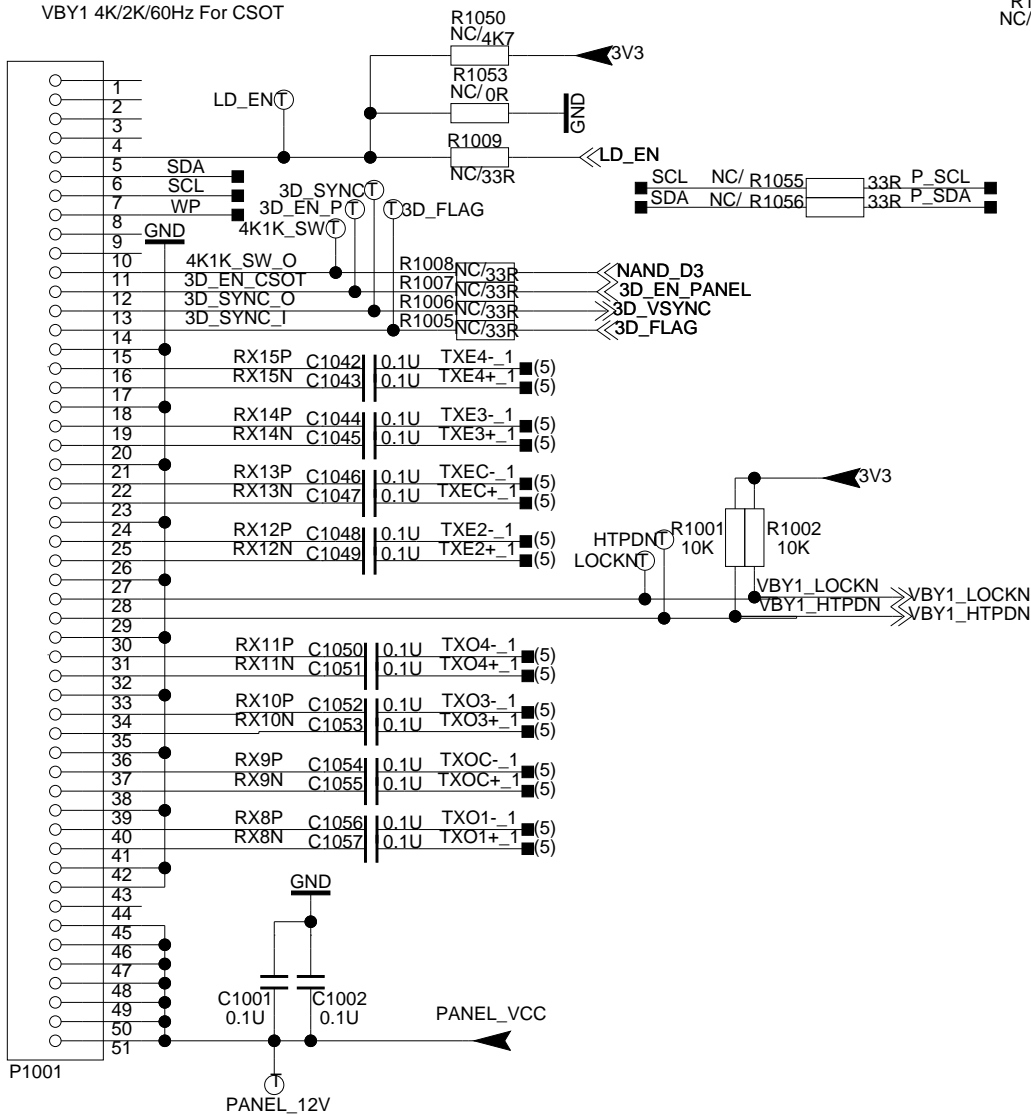



TCL

WW R&D CENTER TCL MULTIMEDIA TECHNOLOGY HOLDING LTD.
5TH FLOOR.TCL BUILDING.SOUTH NANHAI ROAD
NANSHAN DISTRICT.SHENZHEN.GUANGDONG 518067 CHINA
TEL:++86 755 33312403

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...	DD-MM	TCLNO: -----				
...	DD-MM				
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