

NOTES - UNLESS OTHERWISE NOTED:

1. RESISTANCE VALUES ARE IN OHMS

2. CAPACITANCE VALUES ARE IN MICROFARADS (uF)

3. ALL 0.1uF and 0.01uF CAPACITORS ARE FOR DECOUPLING PURPOSES AND SHOULD BE PLACED CLOSE TO THE IC THEY ARE SHOWN NEAR ON THE SCHEMATIC.

4. BRANCH FROM SCH-00C003045

5. BRANCH FROM PCA-00C011201 REV A

BARE BOARD

SERIAL NUMBER  
TAG

PCB-00C022201

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I2C ADDRESS TABLE BUS1		
REF	DEVICE	ADDRESS
U6	DS90UB960 I2C1	0110010
U20	LP8732 (SOM)	1100000
U18	LP8733 (SOM)	1100001

I2C ADDRESS TABLE BUS2		
REF	DEVICE	ADDRESS
U6	DS90UB960 I2C2	0110010
U22	TCA9539	1110100
U28	TMP102	1001001
U8	TMP102 (SOM)	1001000
U17	TCA9539 (SOM)	1110101
U18	M24512 (SOM)	1010100
U18	M24512 (SOM)	1011100
U44	ADV7611	1001100
U45	EDID EEPROM	1010000

REVISION HISTORY			
REV	DESCRIPTION	DATE	ENG
1	INITIAL RELEASE	4/28/17	WKM
-	BUGS 2402 & 2435	7/12/17	WAS



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Wednesday, July 19, 2017

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TDA3x Starter Kit 4-FPD Baseboard 2G

Title Page

SIZE  
B

CAGE CODE  
3V6D5

DWG NO  
SCH-00C022201

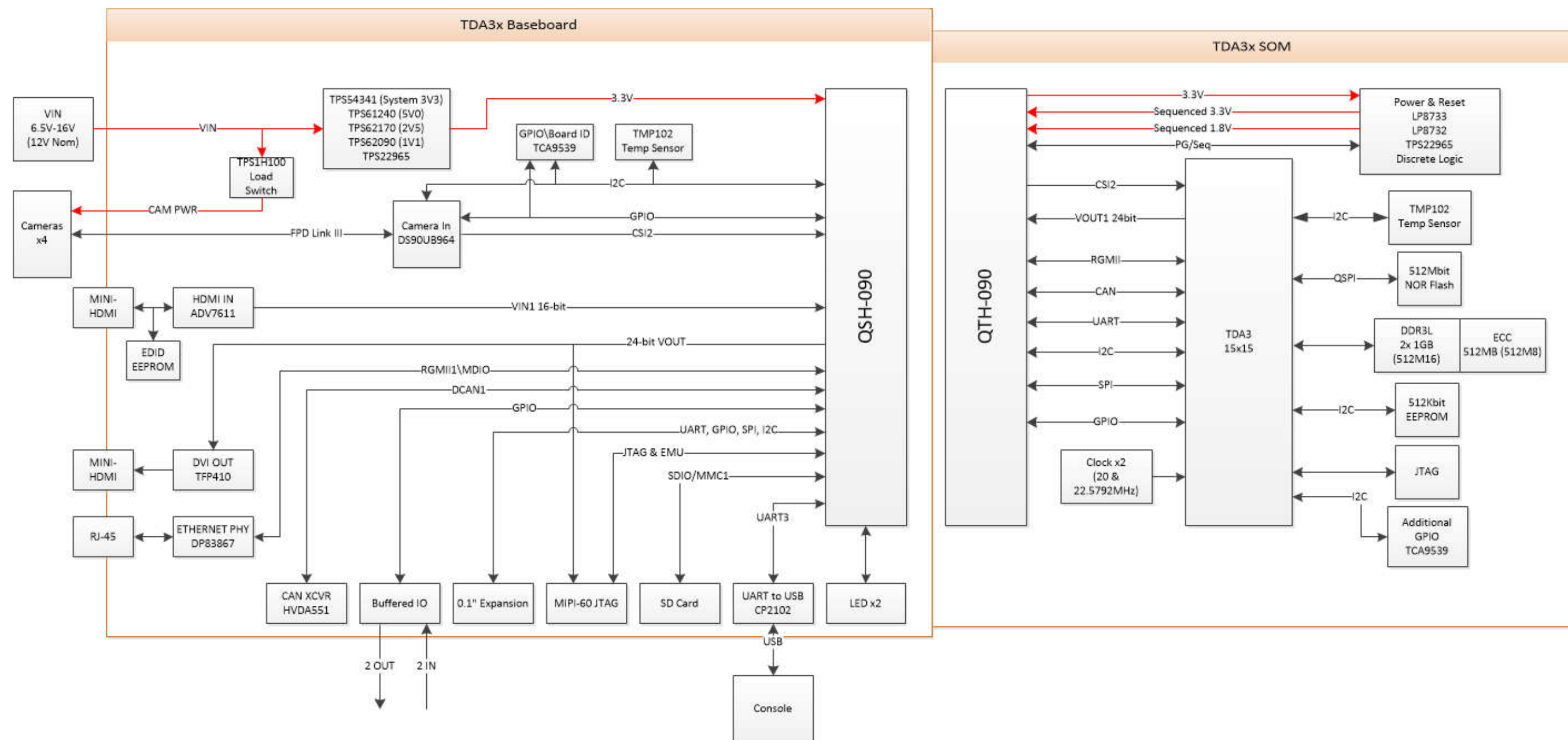
REV  
-

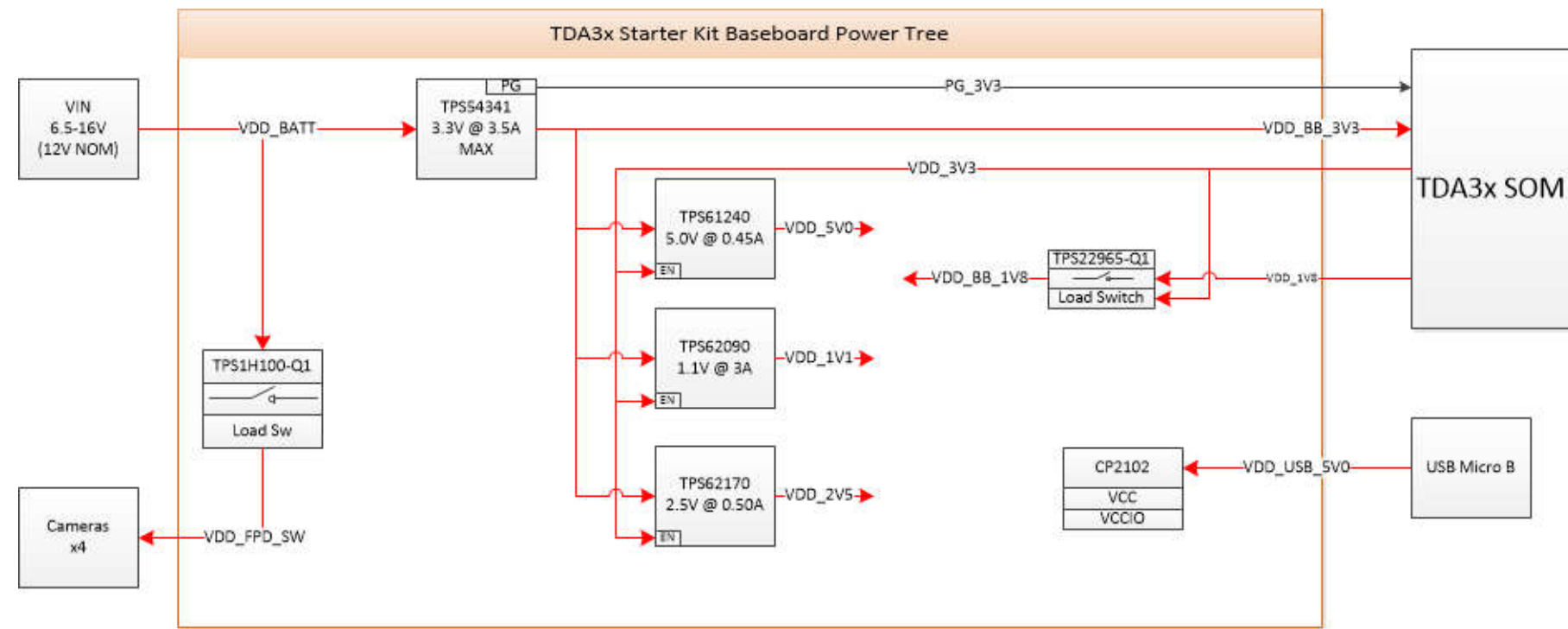
SCALE  
1:1

DWN BY:  
WKM

APRVD BY:  
WKM

SHEET  
1 OF 16





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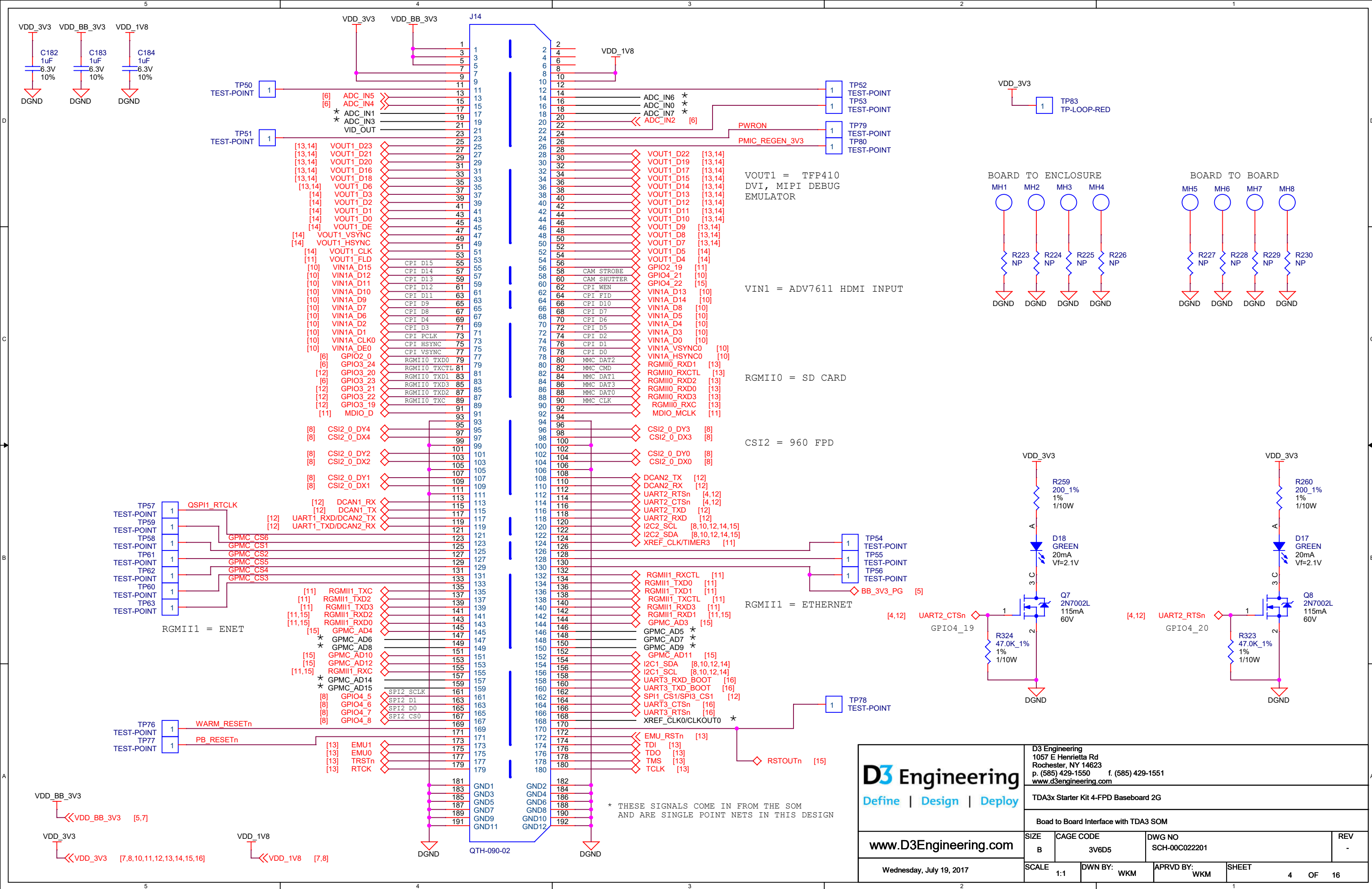
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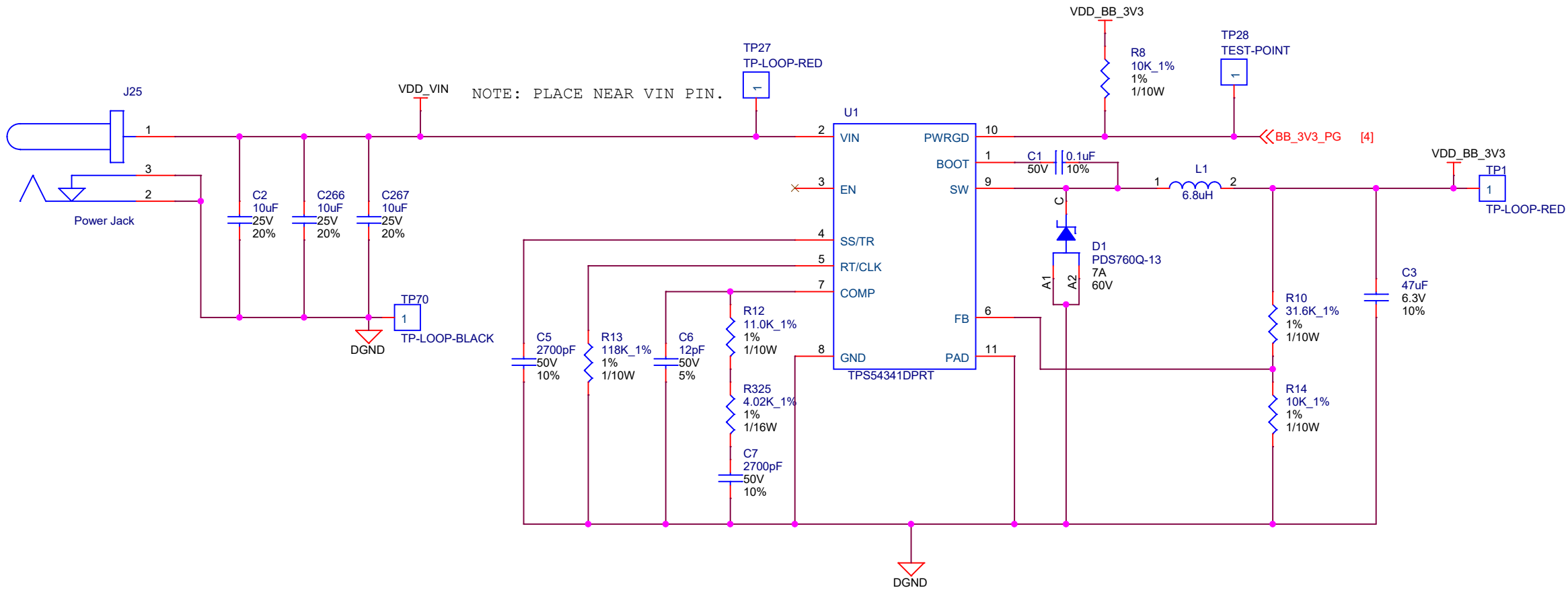
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Power Tree

SIZE	CAGE CODE	DWG NO	REV
B	3V6D5	SCH-00C022201	-
SCALE	DWN BY:	APRVD BY:	SHEET
1:1	WKM	WKM	3 OF 16



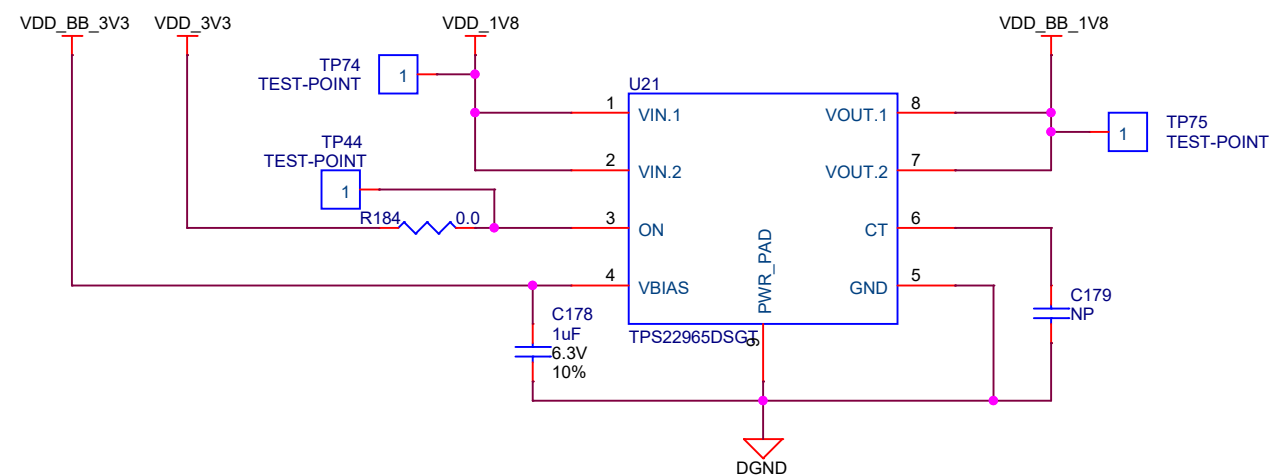
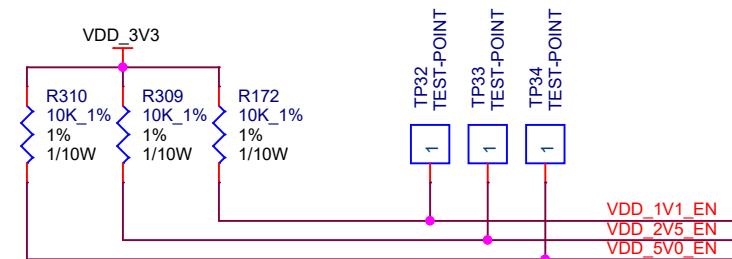


VDD\_VIN [6]  
VDD\_BB\_3V3 [4,7]

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	TDA3x Starter Kit 4-FPD Baseboard 2G			
	3.3V Power Supply			
SIZE B	CAGE CODE 3V6D5	DWG NO SCH-00C022201	REV -	
SCALE 1:1	DWN BY: WKM	APRVD BY: WKM	SHEET 5 OF 16	



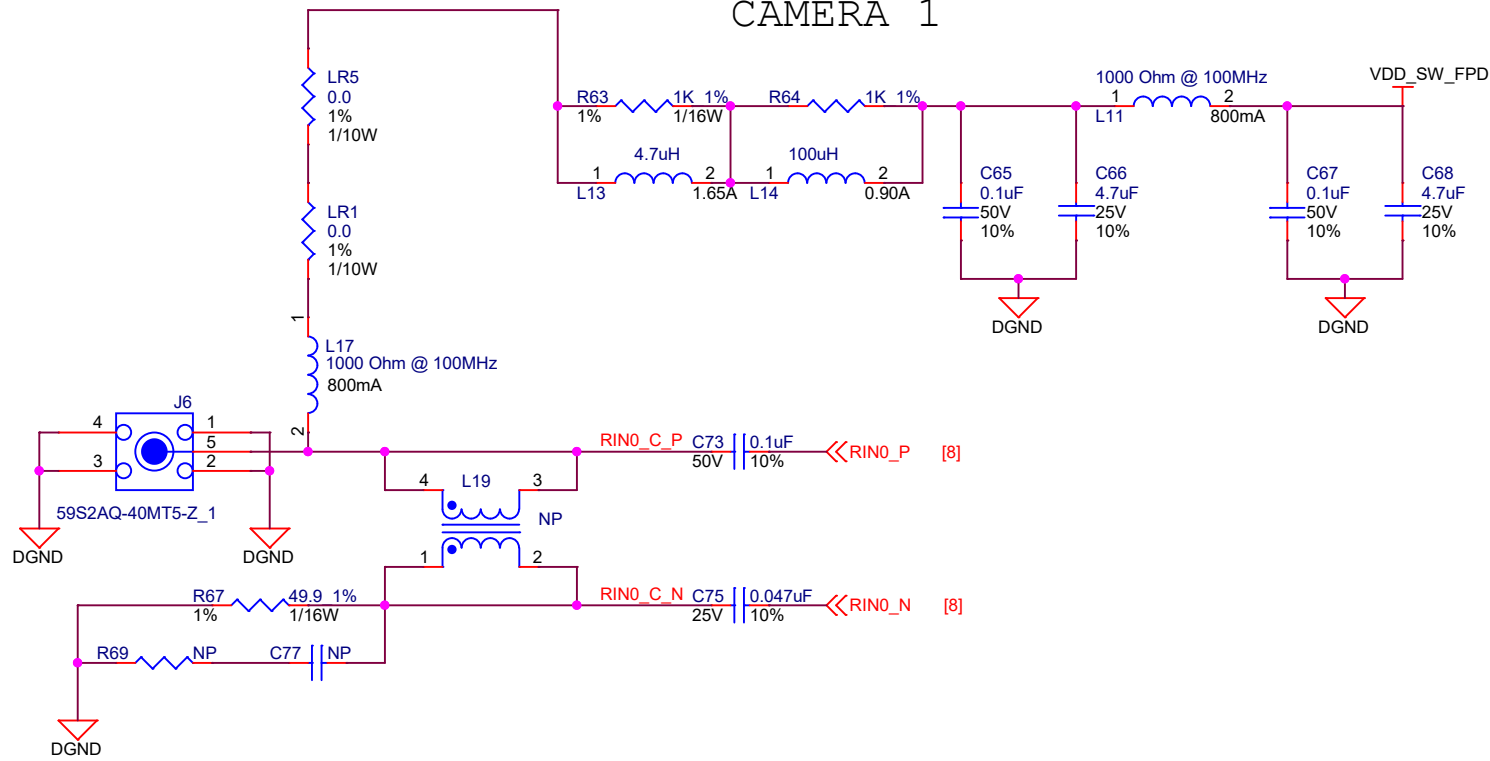




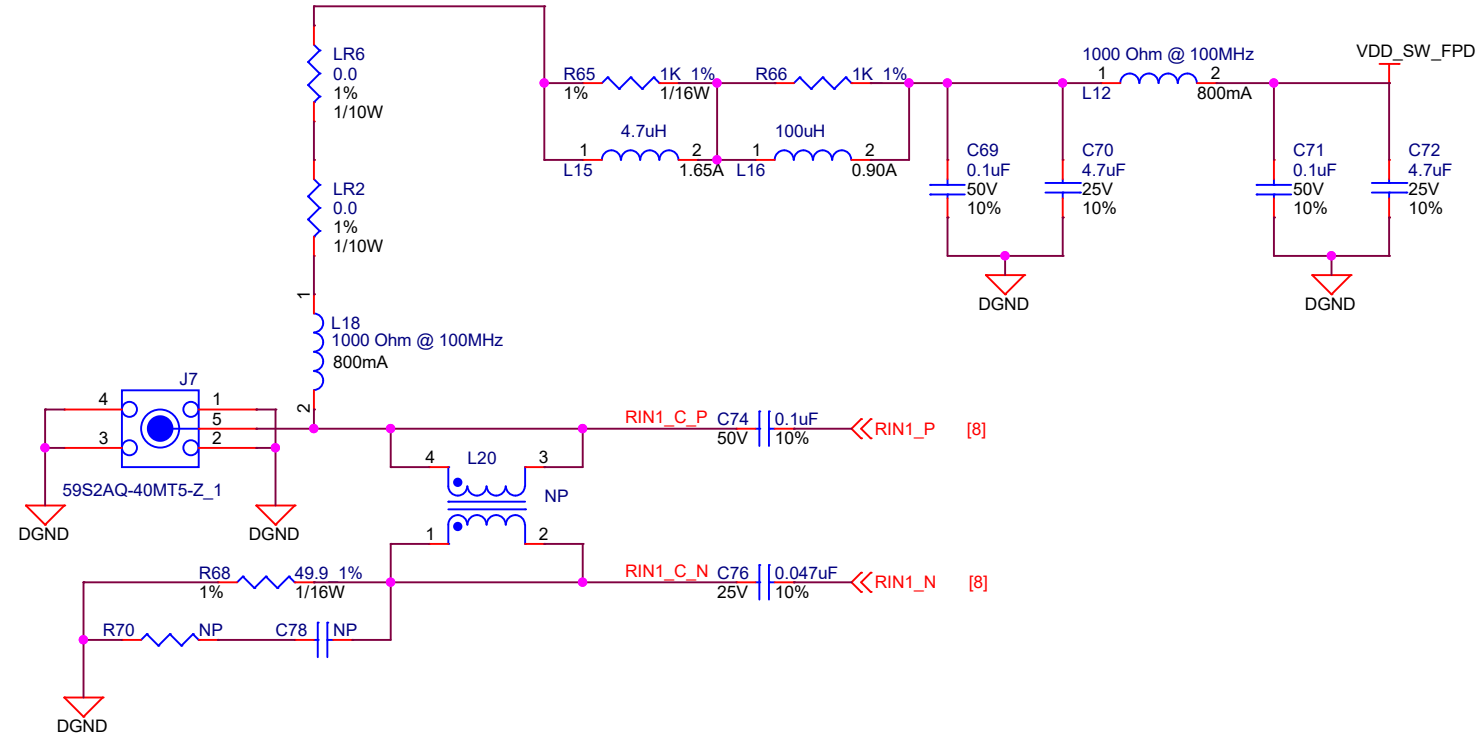




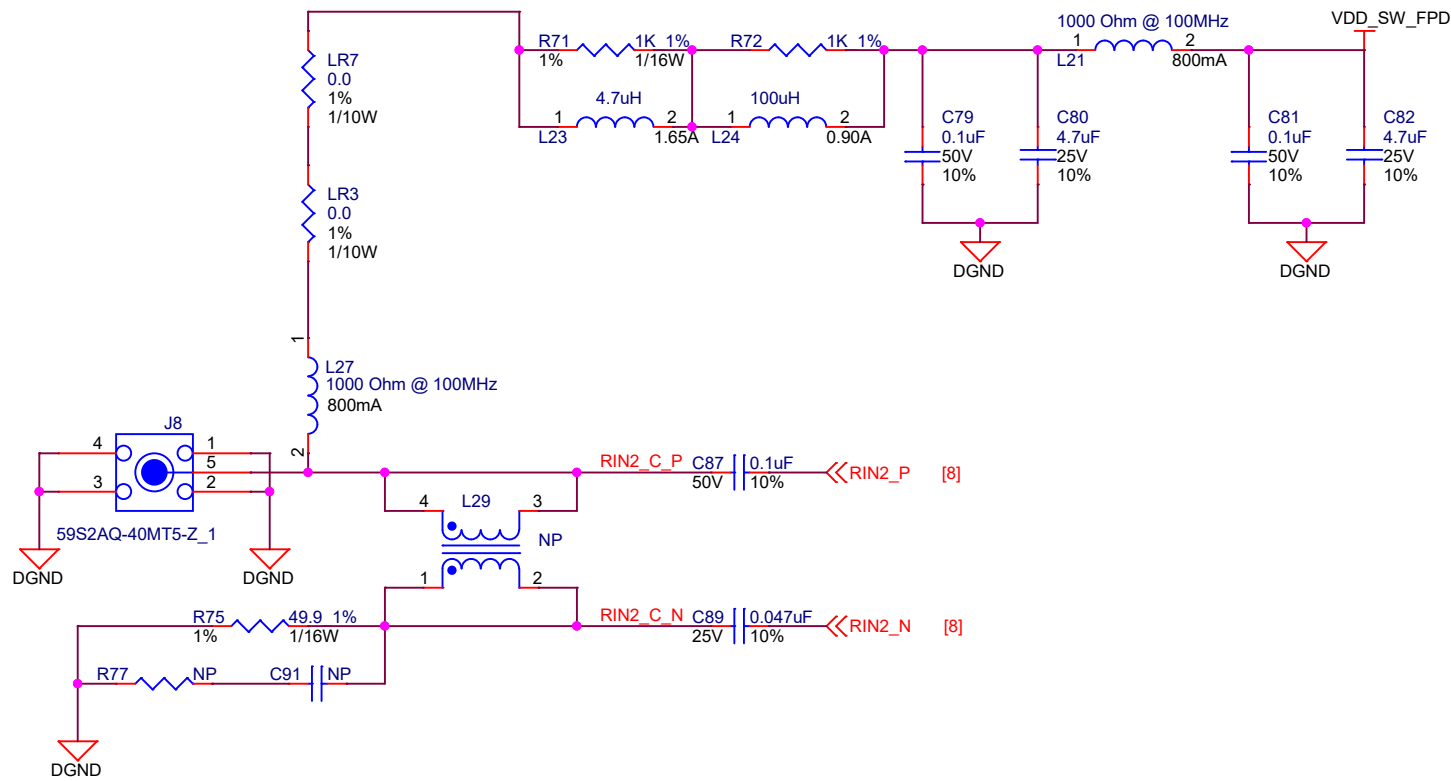
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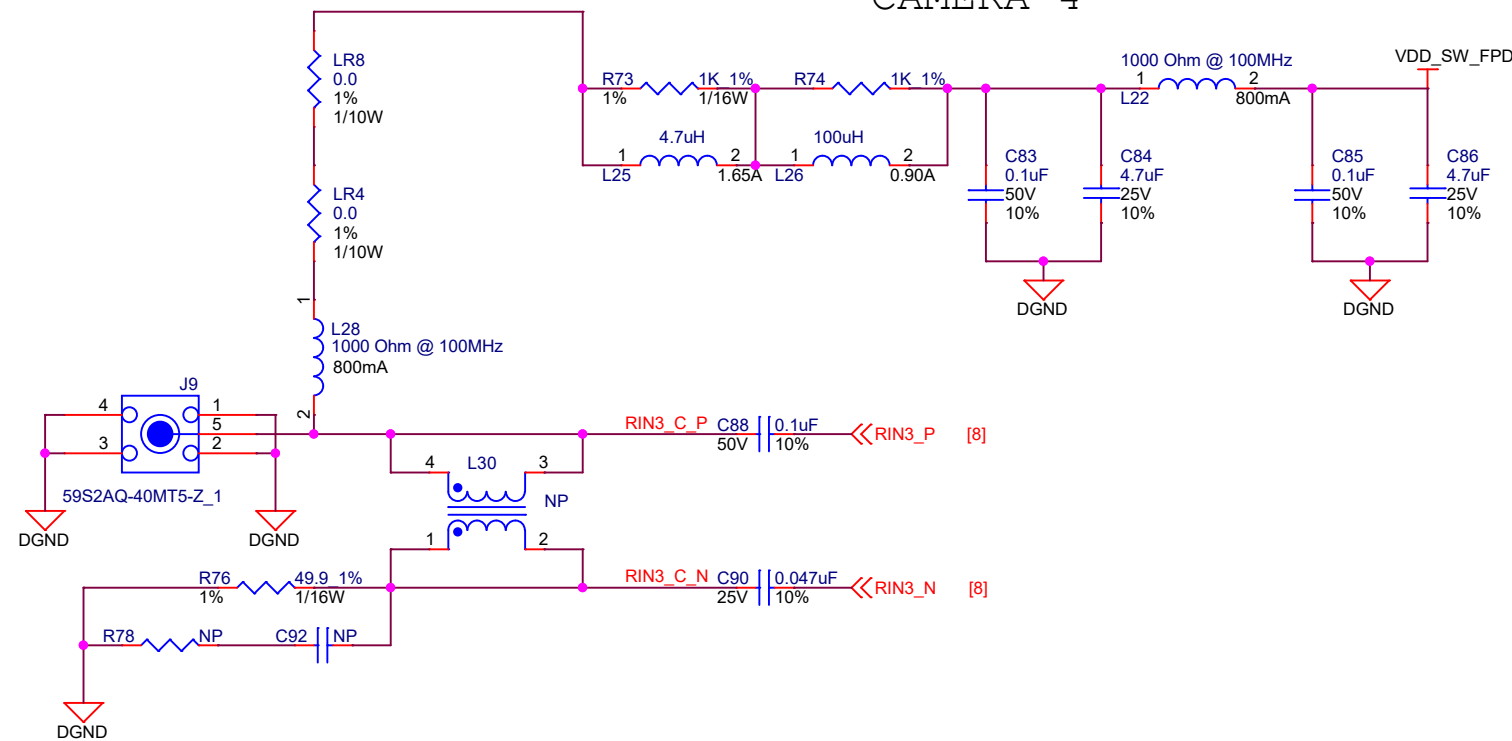
## CAMERA 2



## CAMERA 3



## CAMERA 4



VDD\_SW\_FPD  
VDD\_SW\_FPD [6]

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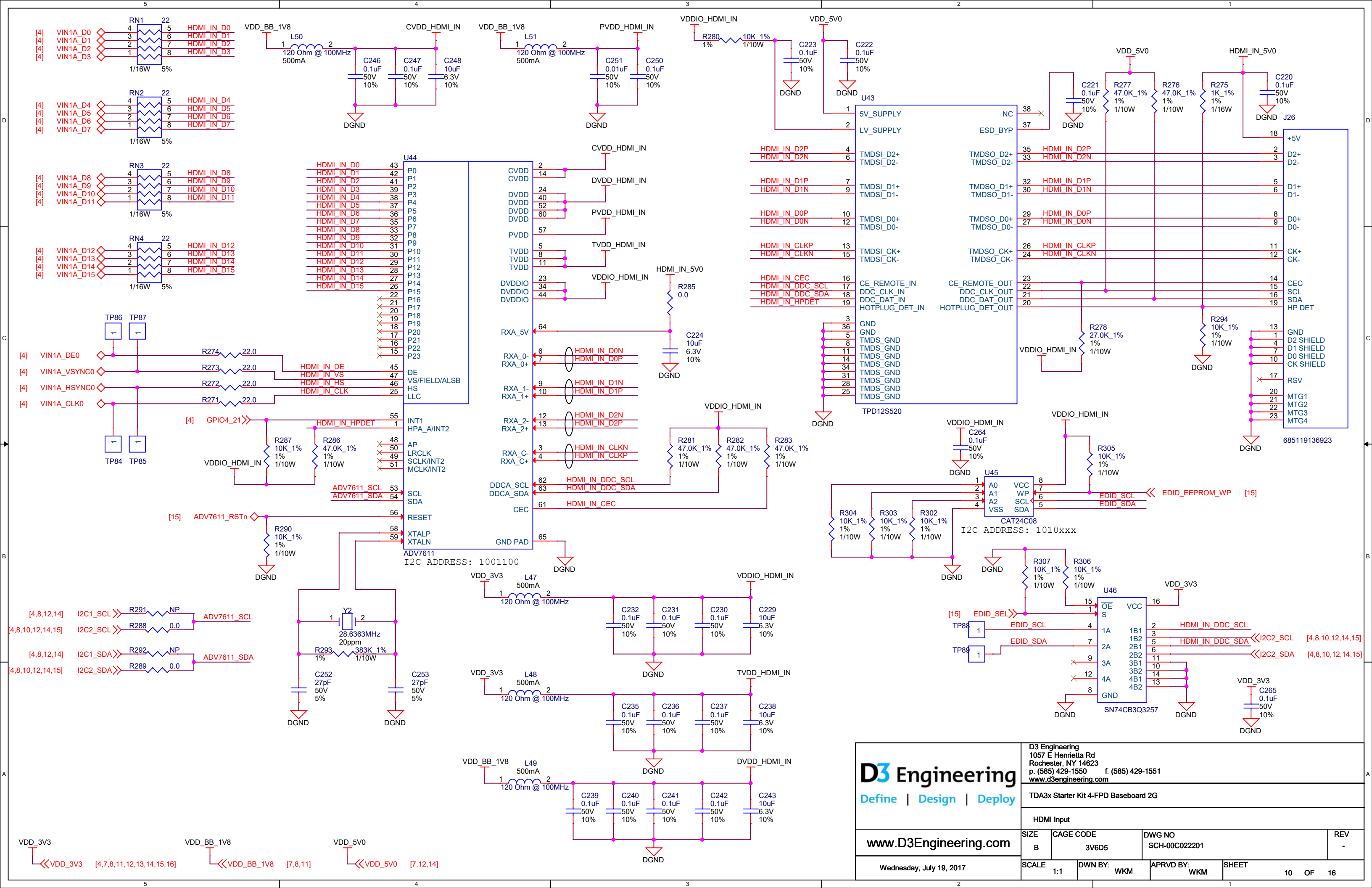
Wednesday, July 19, 2017

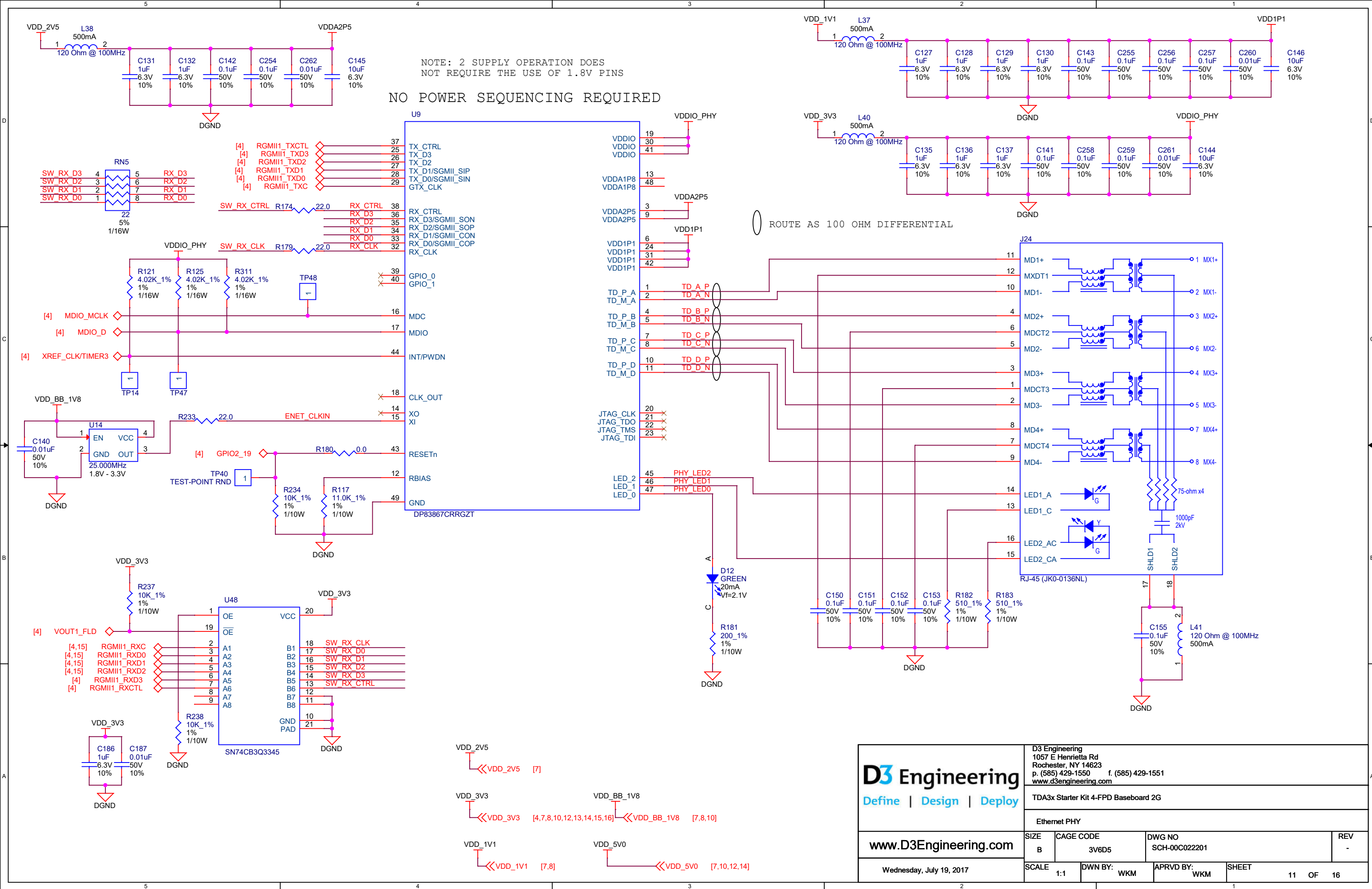
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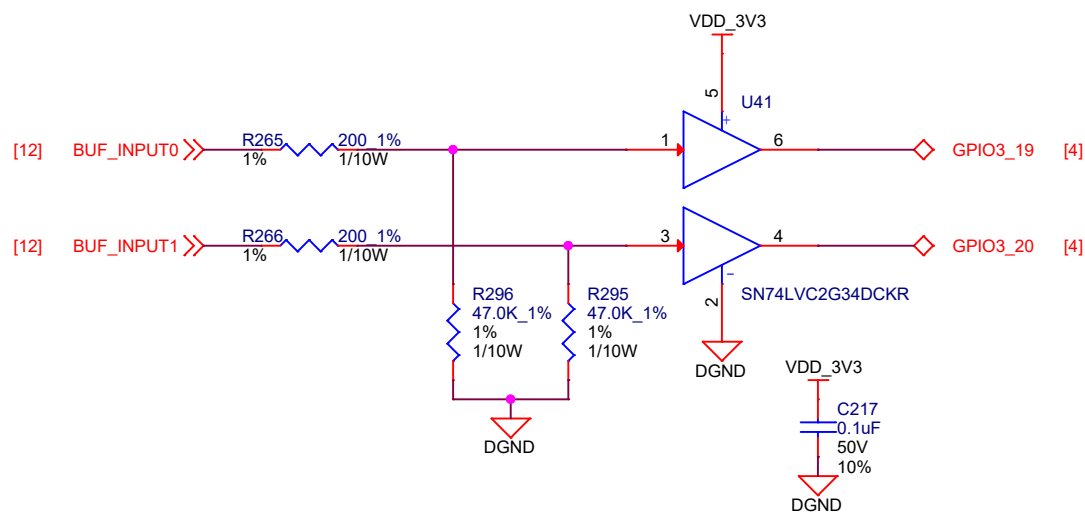
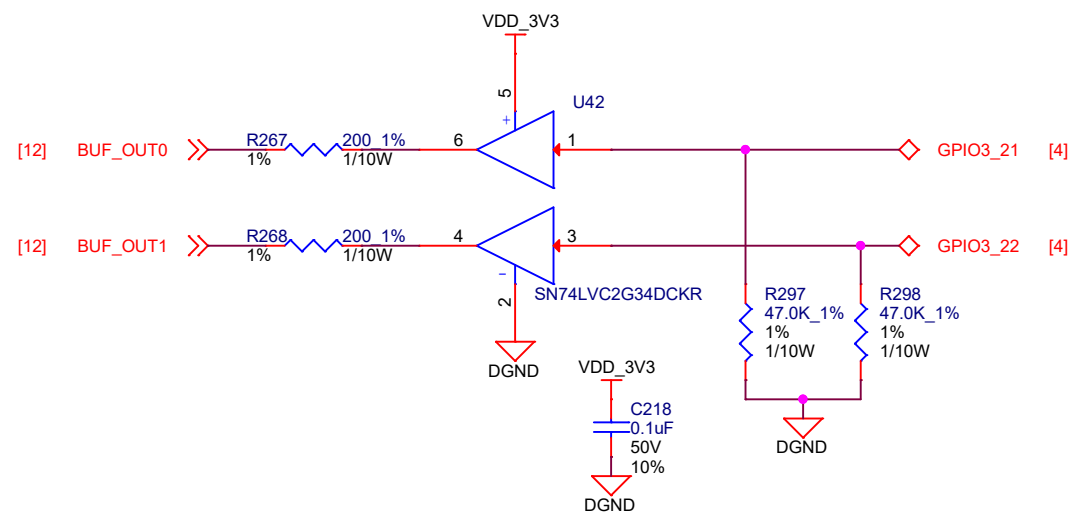
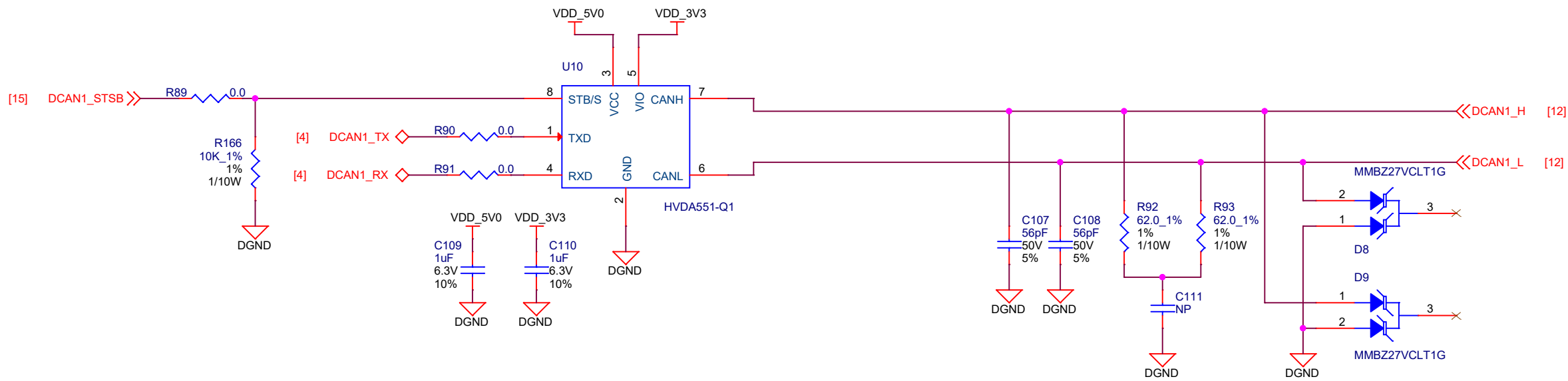
TDA3x Starter Kit 4-FPD Baseboard 2G

FPD Link In Interface

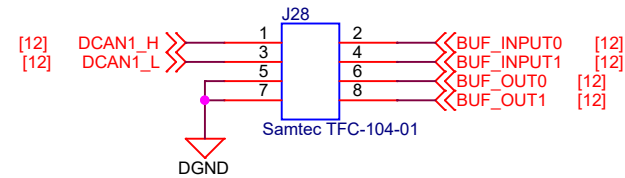
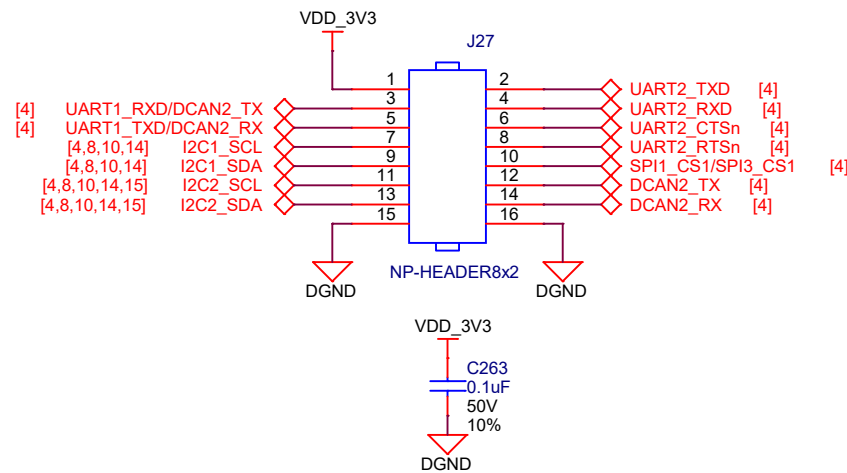
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B	3V6D5	SCH-00C022201	-
SCALE	DWN BY:	APRVD BY:	SHEET
1:1	WKM	WKM	9 OF 16





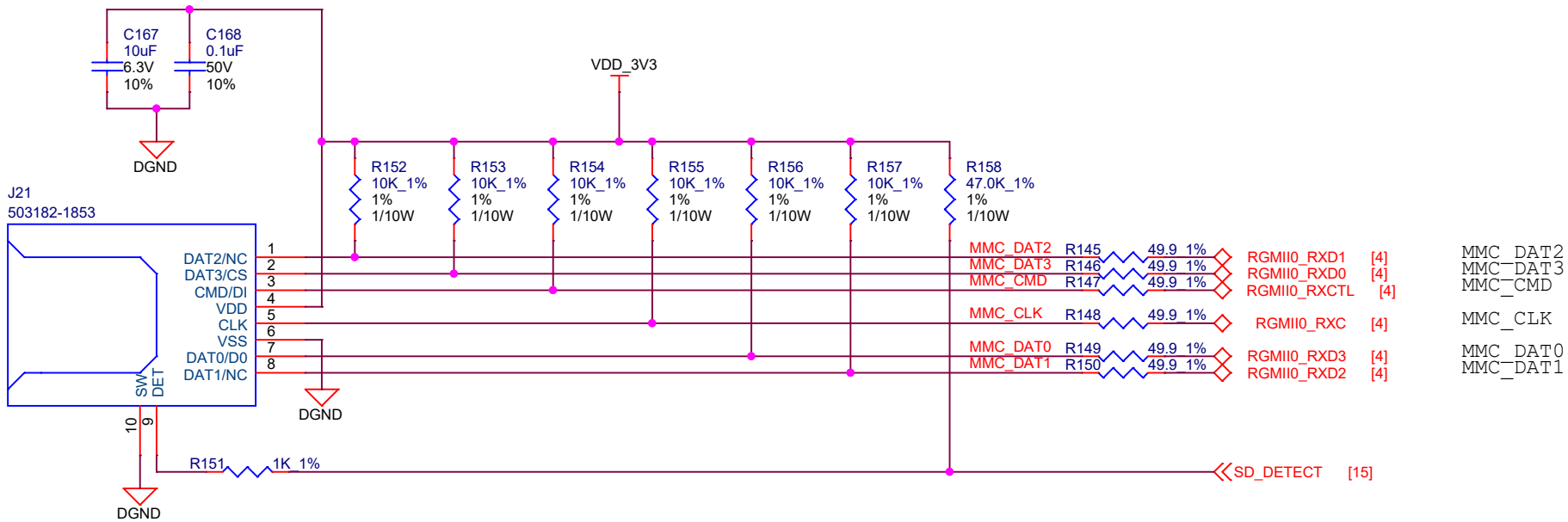
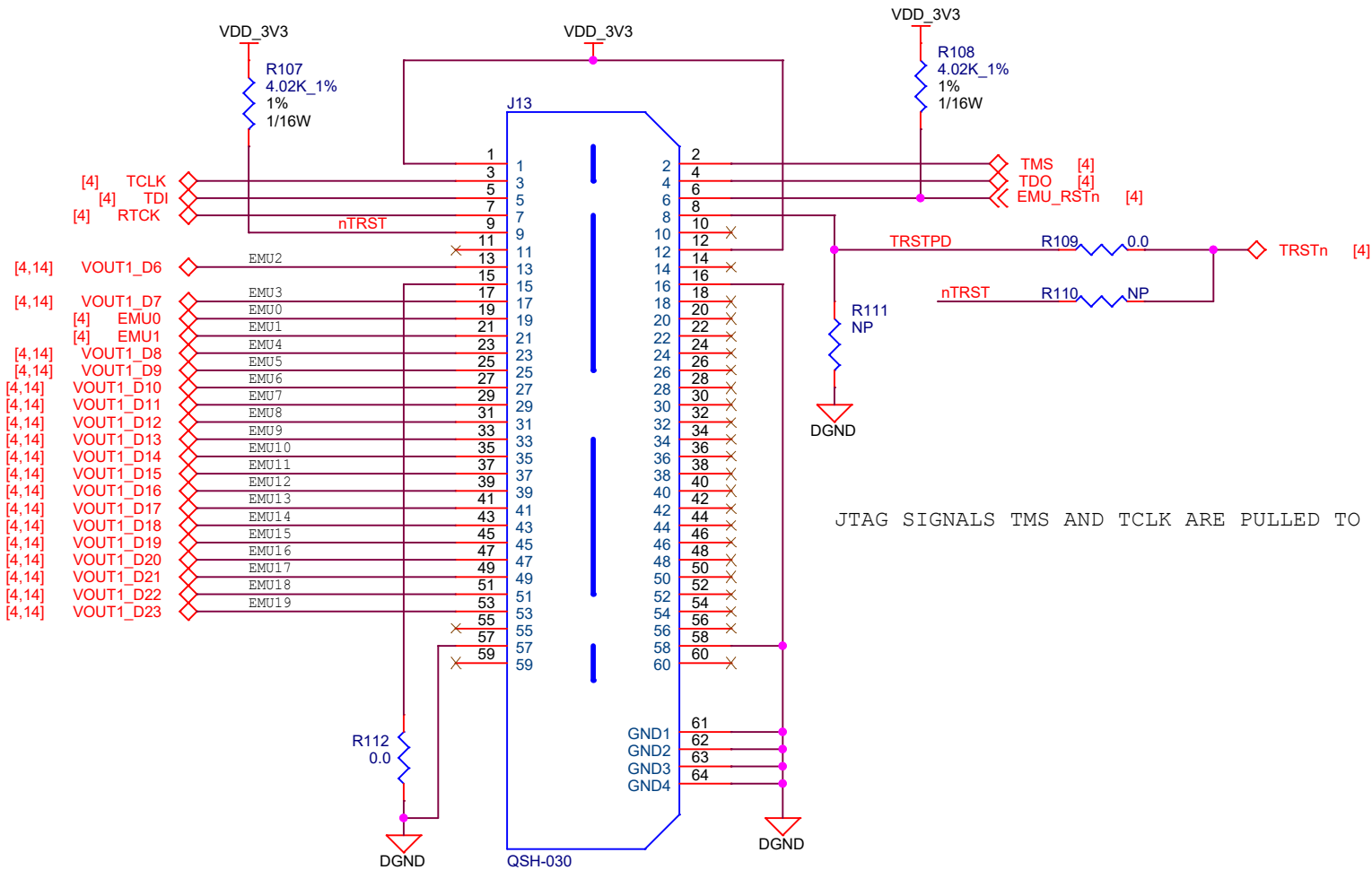



### SPARE SIGNALS FOR EXPANSION



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	TDA3x Starter Kit 4-FPD Baseboard 2G			
	CAN INTERFACE, EXPANSION, BUFFERED IO			
	SIZE B	CAGE CODE 3V6D5	DWG NO SCH-00C022201	REV -
SCALE 1:1	DWN BY: WKM	APRVD BY: WKM	SHEET 12 OF 16	

MIPI-60 JTAG/EMULATION





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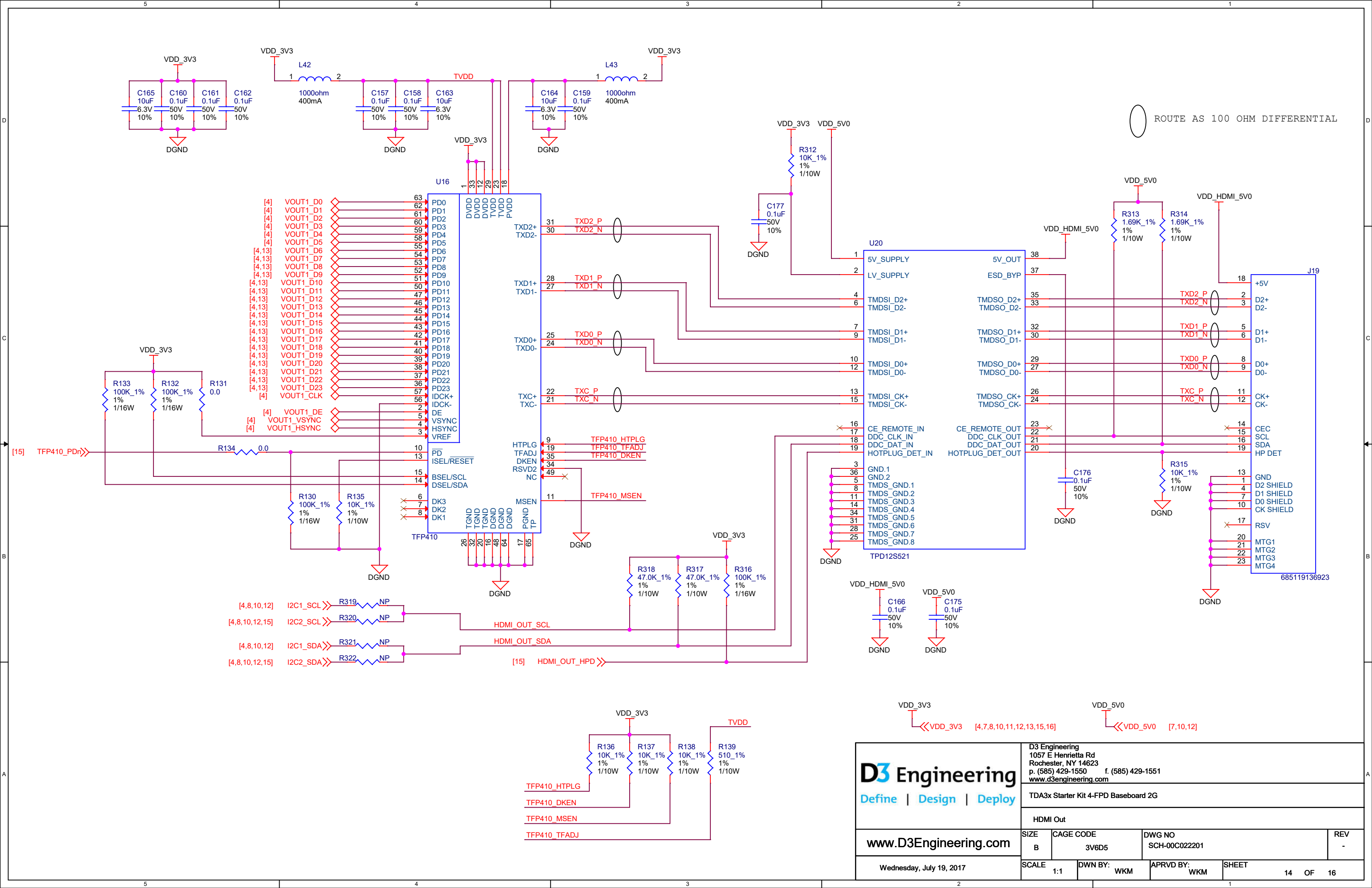
Friday, October 05, 2018

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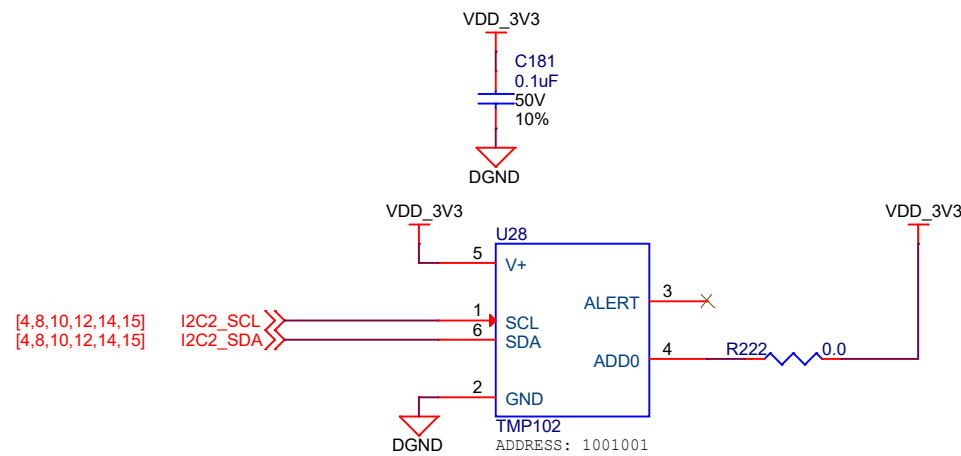
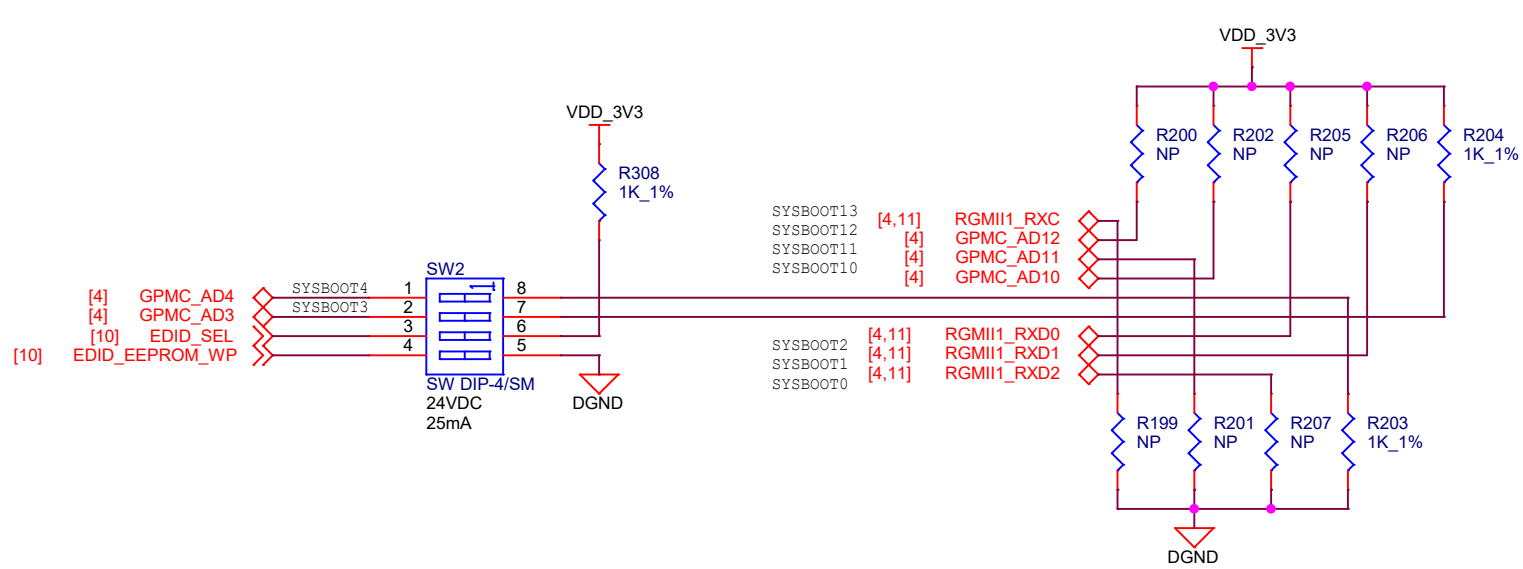
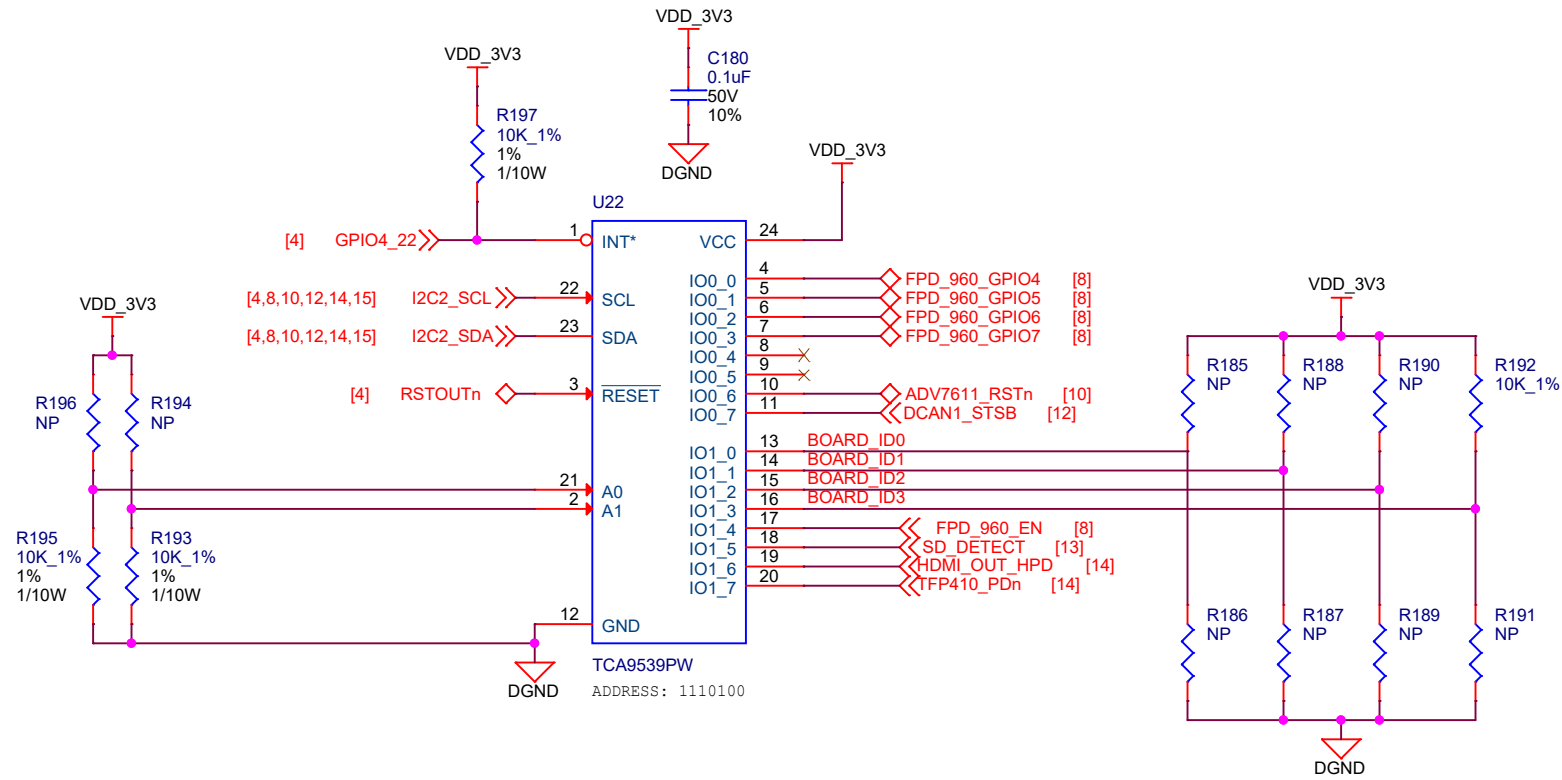
TDA3x Starter Kit 4-FPD Baseboard 2G


SD Card, MIPI-60 JTAG

SIZE B	CAGE CODE 3V6D5	DWG NO SCH-00C022201	REV -
SCALE 1:1	DWN BY: WKM	APRVD BY: WKM	SHEET 13 OF 16







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	GPIO EXPANDER, SWITCHES, TMP102			
Monday, July 24, 2017	SIZE B	CAGE CODE 3V6D5	DWG NO SCH-00C022201	REV -
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