

REV	Description	DATE	BY
Ver 1	Initial Release.		M
Ver 2	1 Replace HDMI Frame and SDIO Port voltage-level translation 2 Replaced USB2UART Chip		M
Ver 3	1 Add MDIO voltage-level translator 2 Modify CAN RX PULL voltage		
Ver 4	1 ADD GND_ADC to DGND 20150220 2 update sch version 3 clean sch 20150526		

PAGE NO.	SCHEMATIC PAGE
1	TITLE PAGE
2	BLOCK
3	Z7020_PL
4	Z7020_PS
5	Z7020_POWER
6	USB OTG
7	DDR3 MEMORY
8	QSPI FLASH
9	10/100/1000 ETHERNET
10	HDMI
11	Sensor: G&T,CAN
12	NAND_FLASH
13	PWR:1.0V&1.5V,VTT
14	Power 1.8V,3.3V&DCin
15	EXP CONN
16	MISC

Title

Z7020_10_CLG400

Size

B

Document Number

ZQ7020_10

Date:

Tuesday, May 26, 2015

Rev

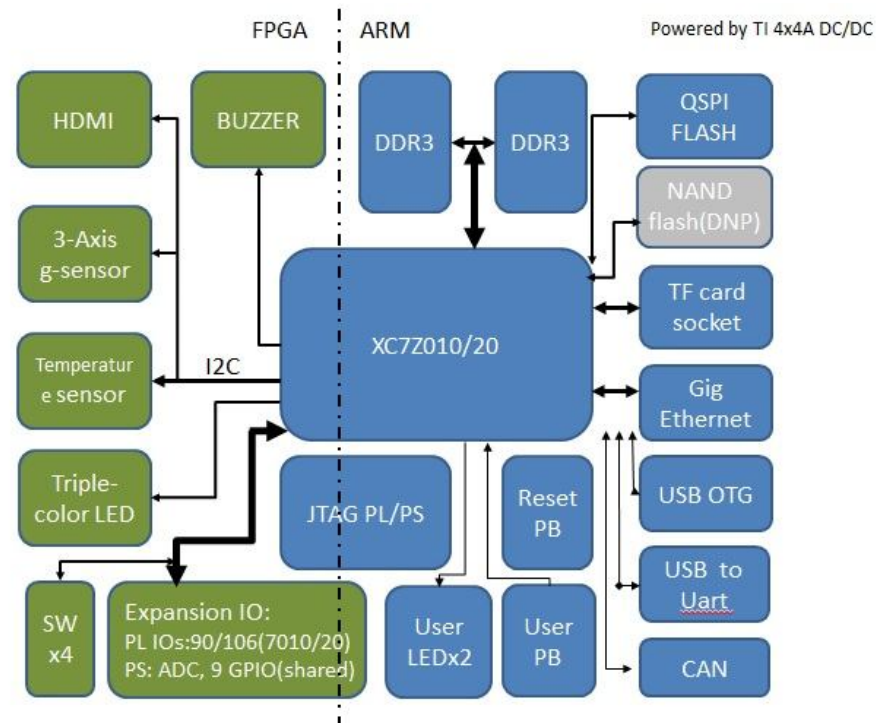
V4.0

Sheet

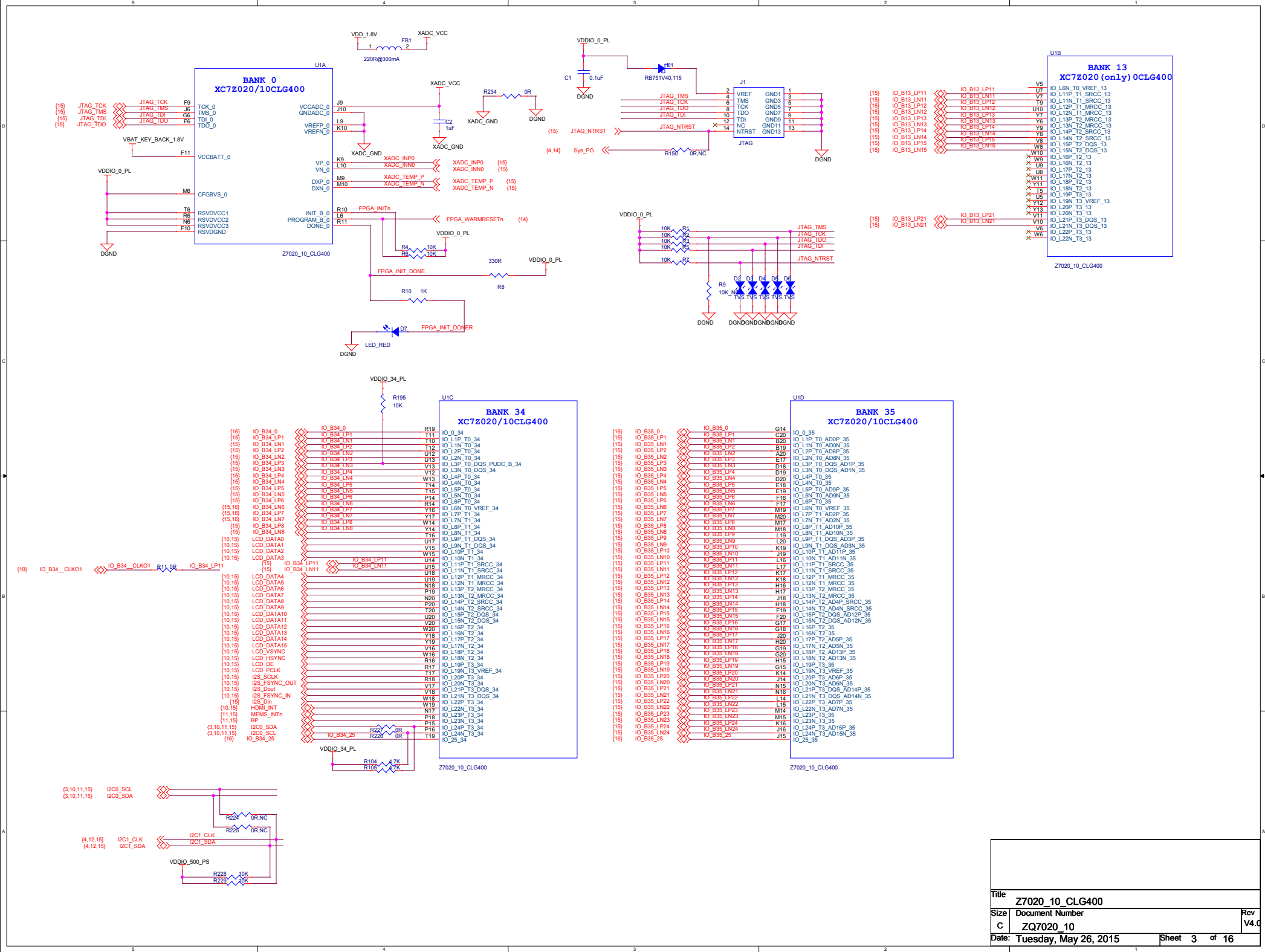
1

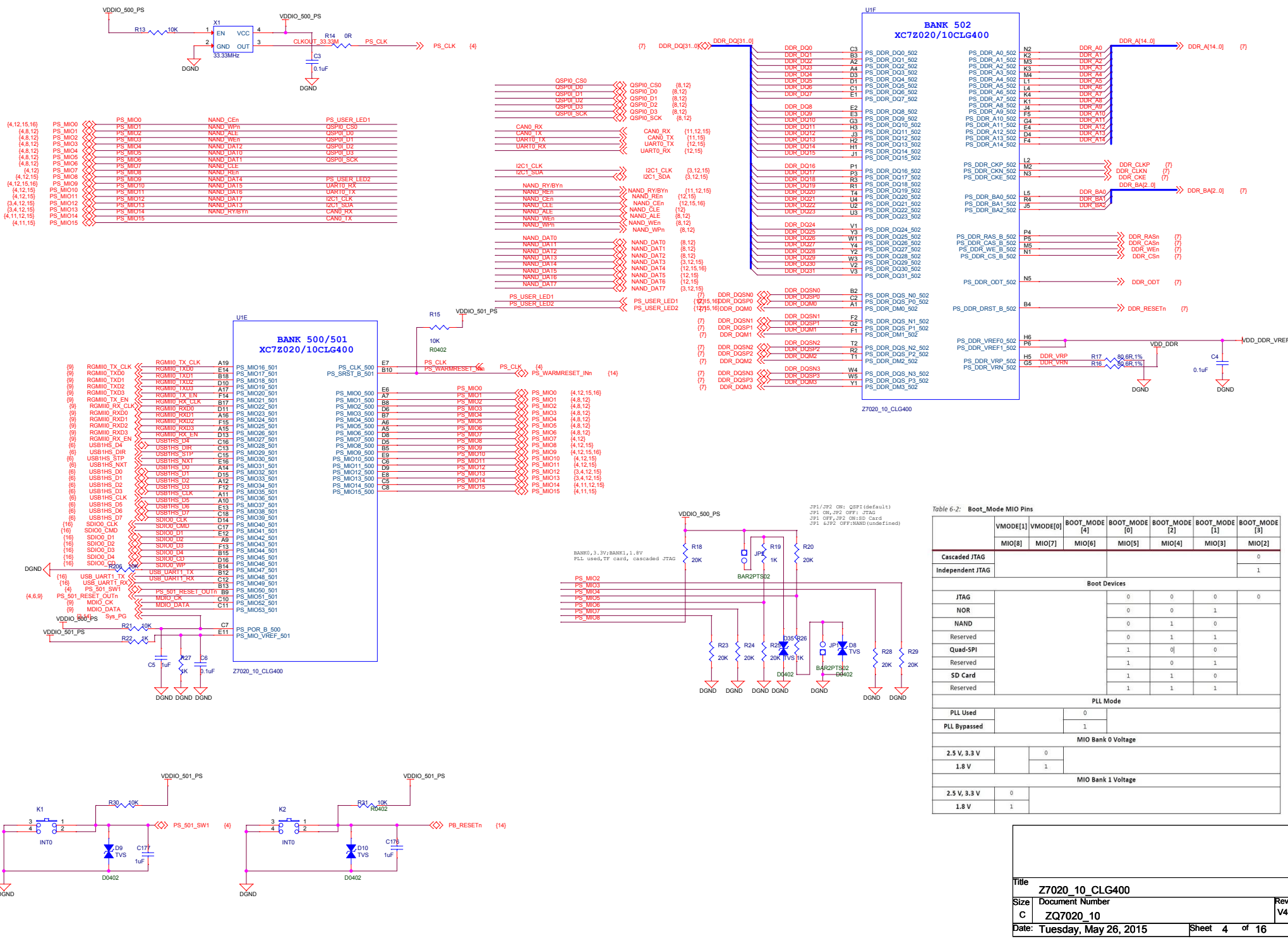
of

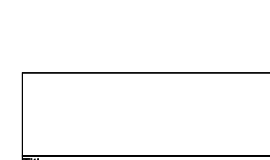
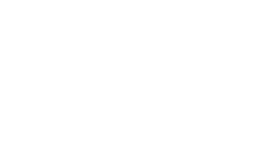
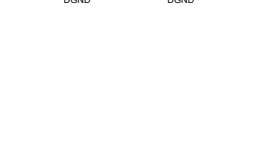
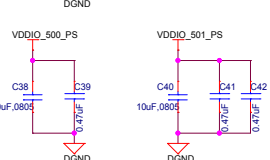
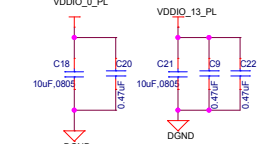
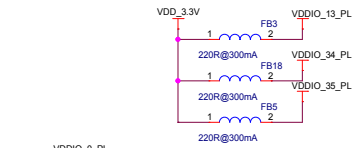
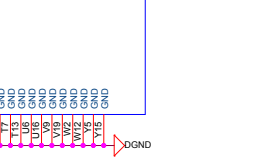
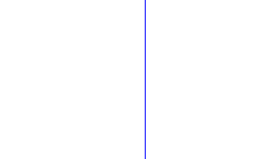
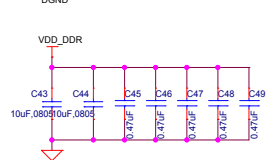
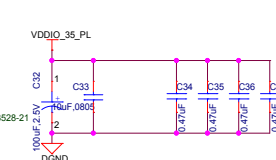
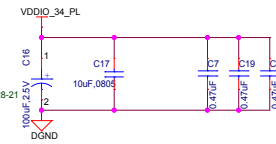
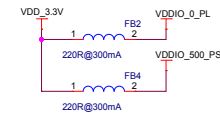
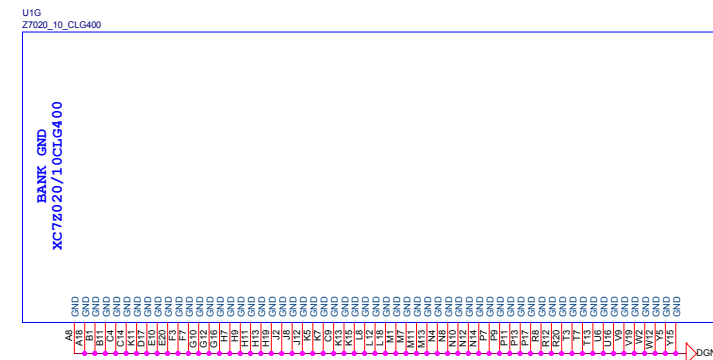
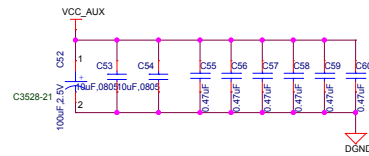
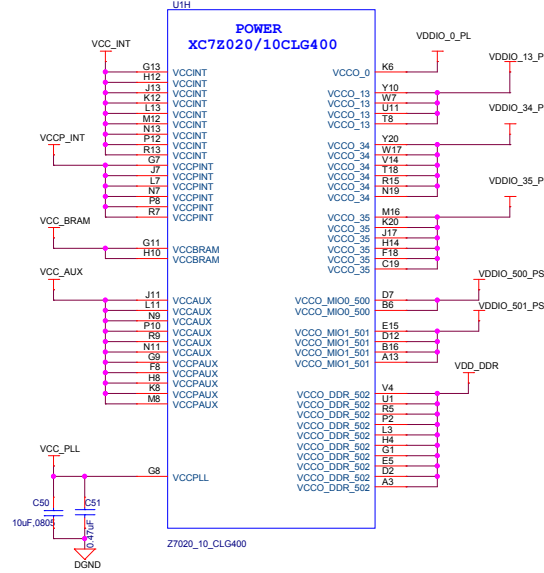
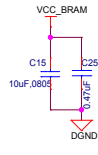
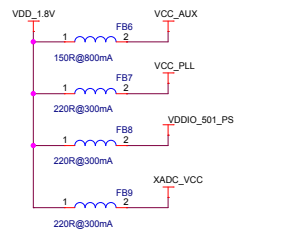
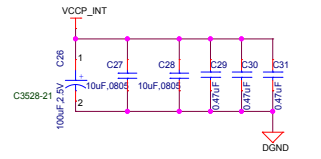
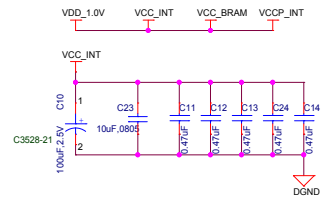
16



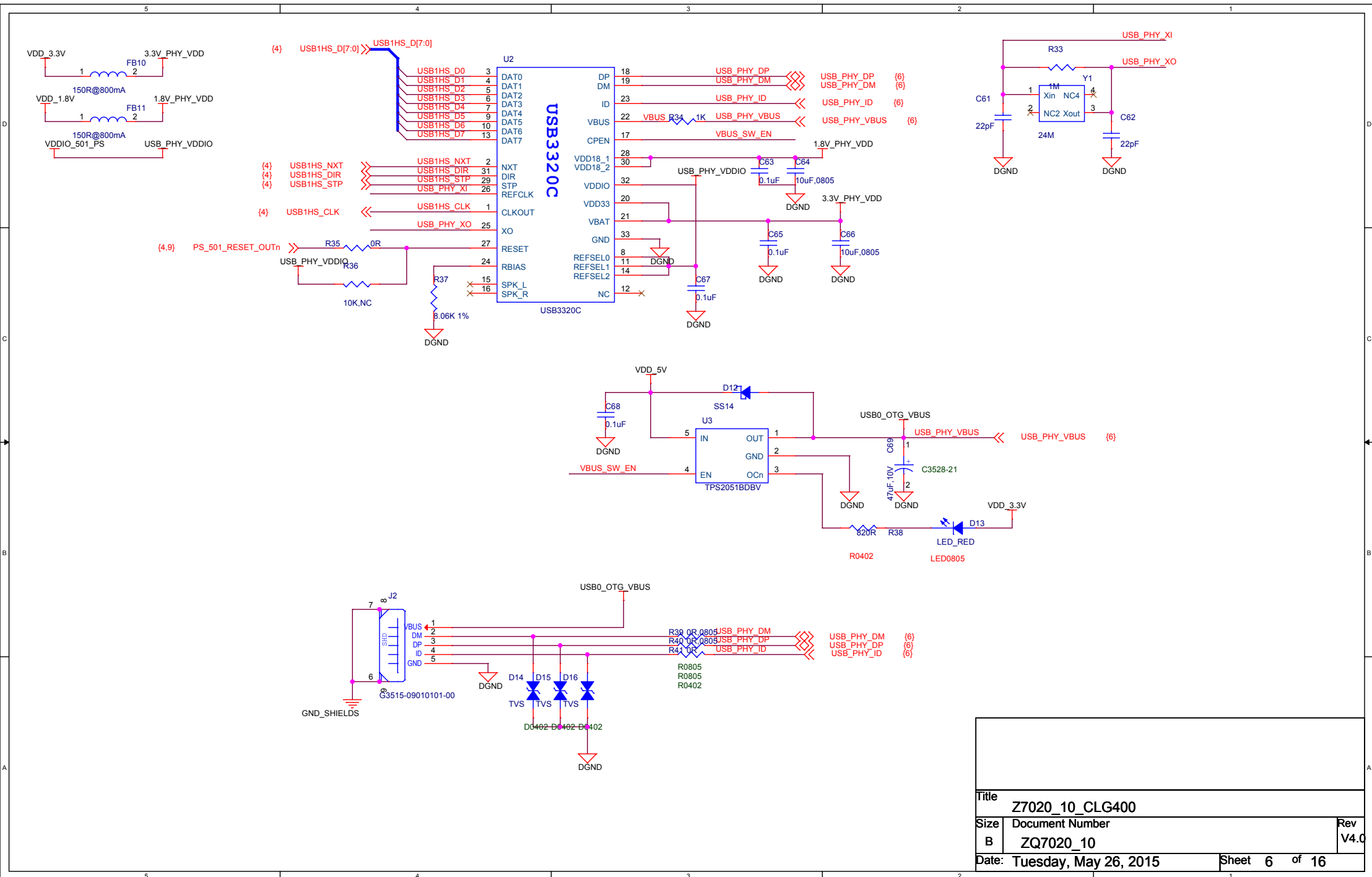
Title			Z7020_10_CLG400
Size	Document Number		Rev
B	ZQ7020_10		V4.0
Date:	Tuesday, May 26, 2015	Sheet	2 of 16





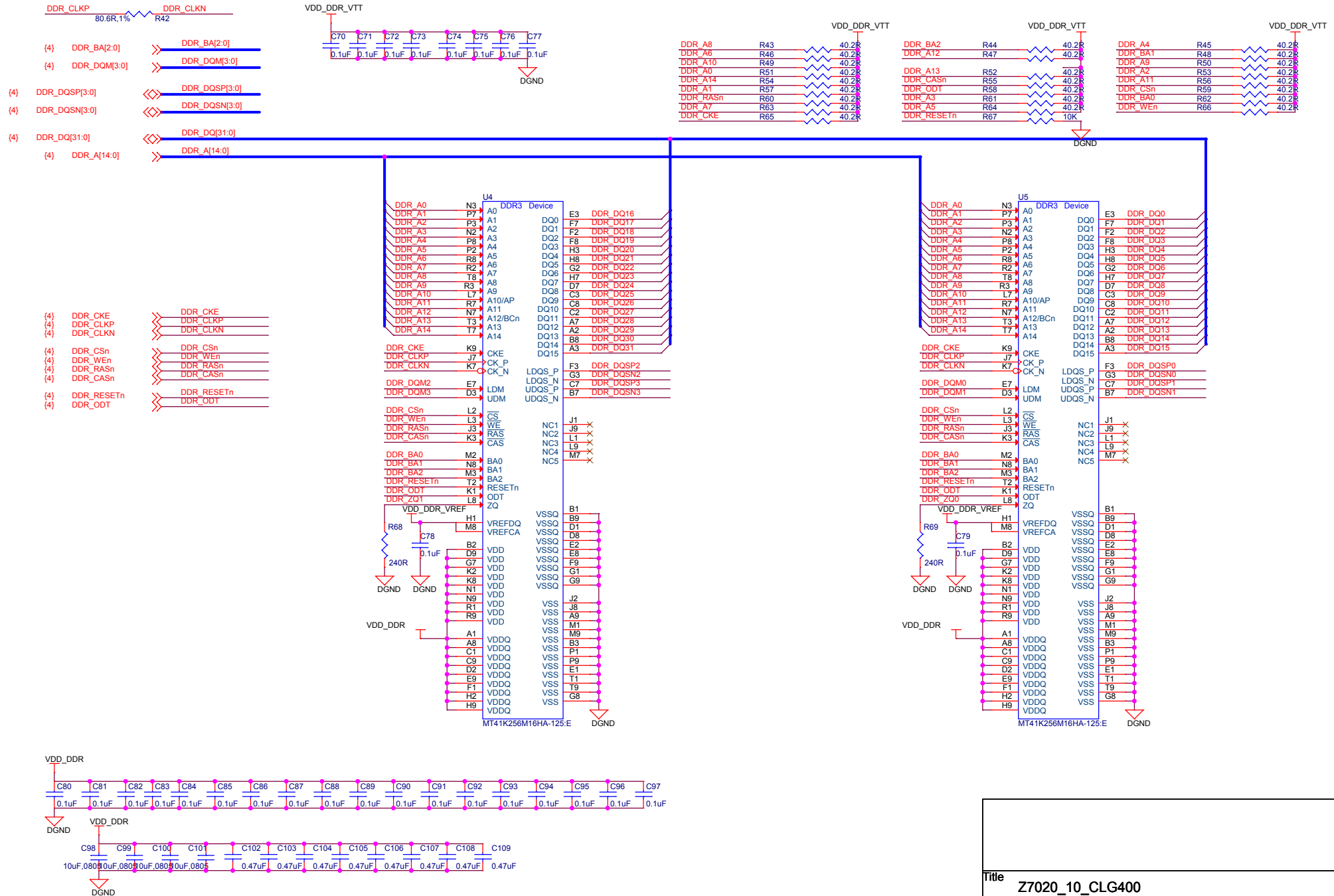


Title		Z7020_10_CLG400
Size	Document Number	Rev V4.0
C	ZQ7020_10	
Date:	Tuesday, May 26, 2015	Sheet 5 of 16

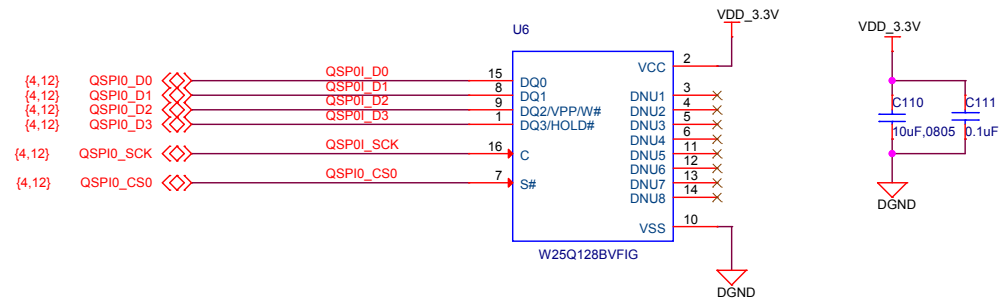


Title		
Z7020_10_CLG400		
Size	Document Number	Rev
B	ZQ7020_10	V4.0
Date:	Tuesday, May 26, 2015	Sheet 6 of 16

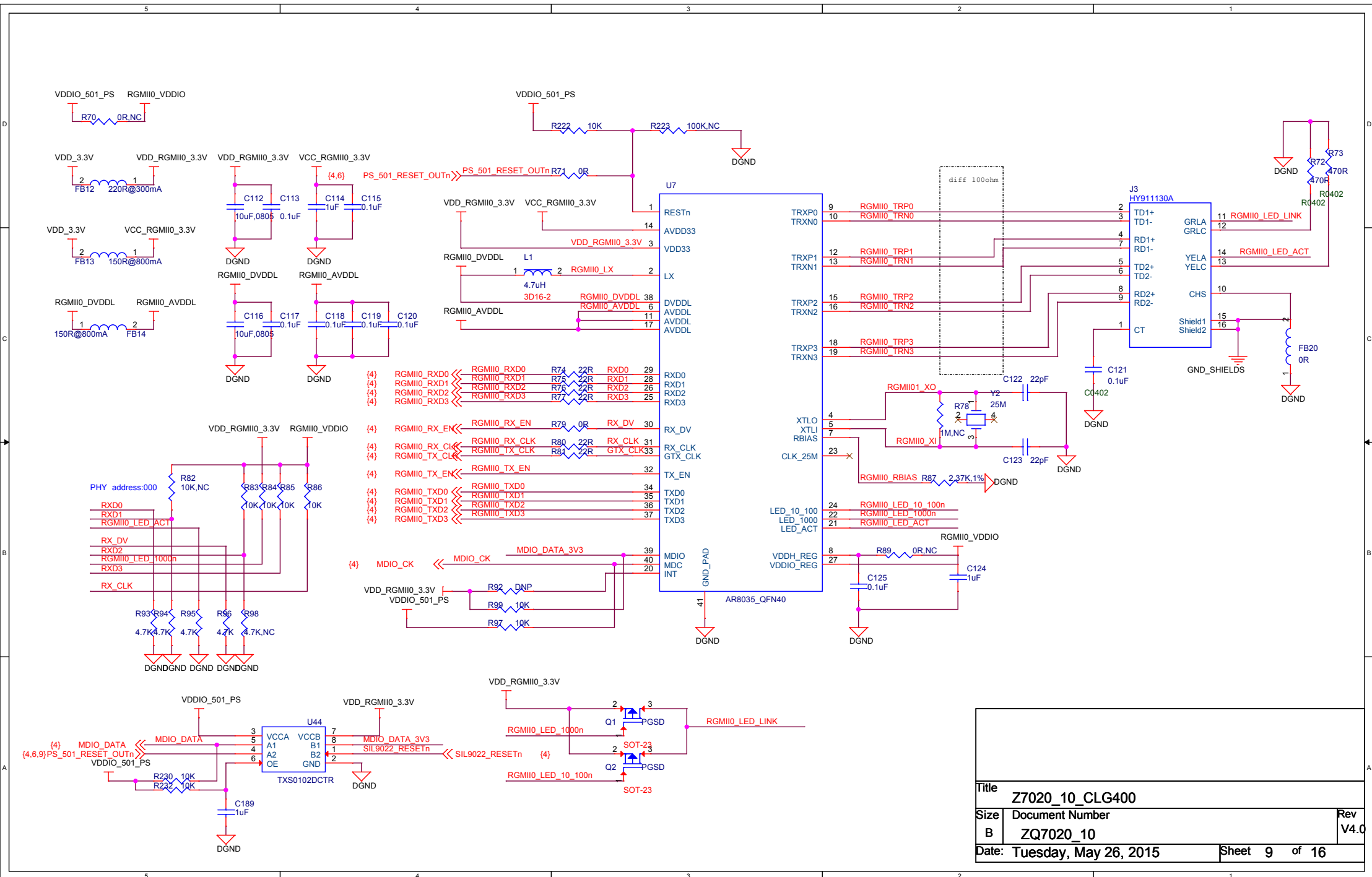
1024MB DDR3 (x32)



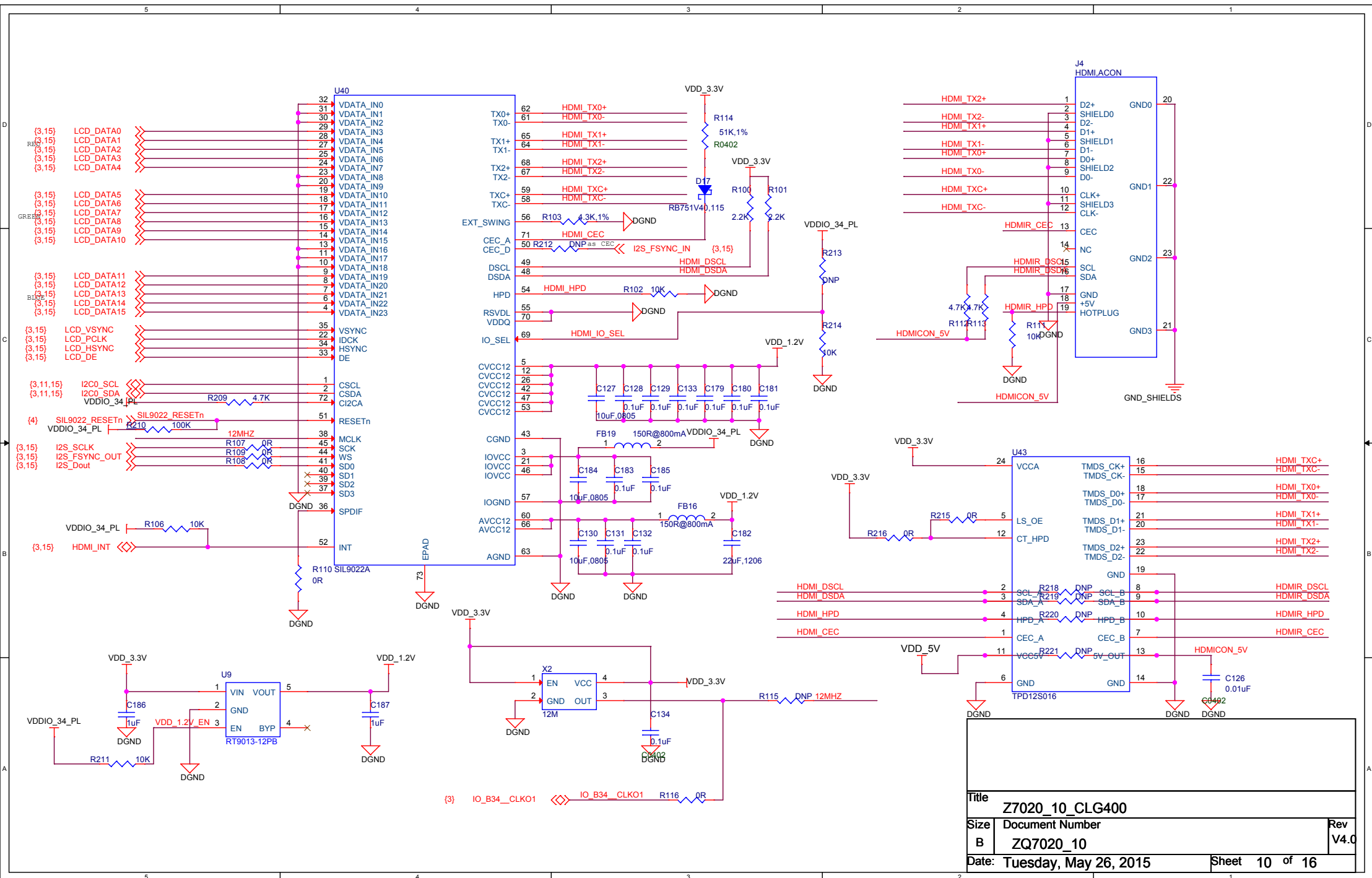
Title		Z7020_10_CLG400
Size		Document Number
A3	ZQ7020_10	Rev V4.0
Date: Tuesday, May 26, 2015		Sheet 7 of 16

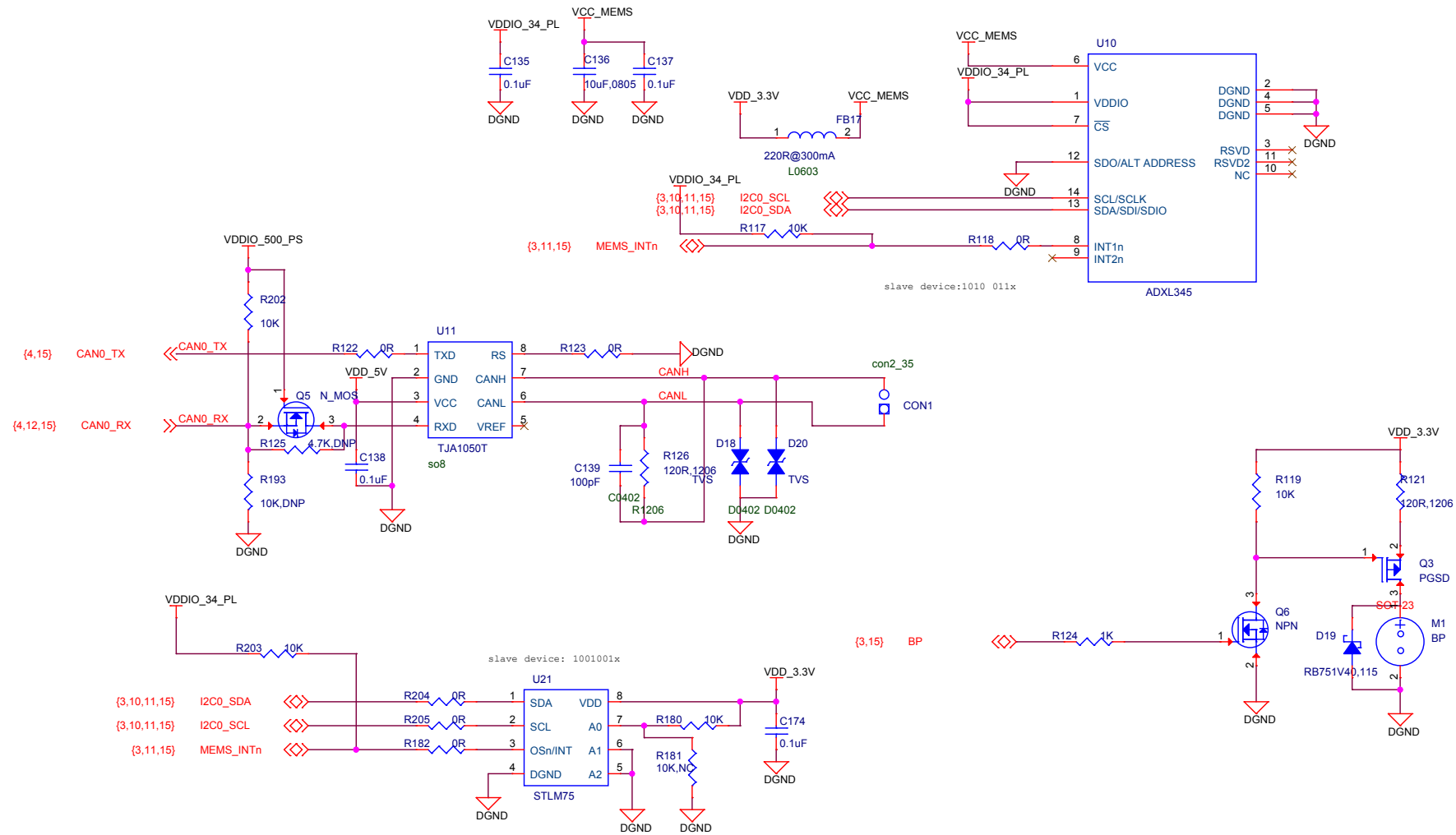


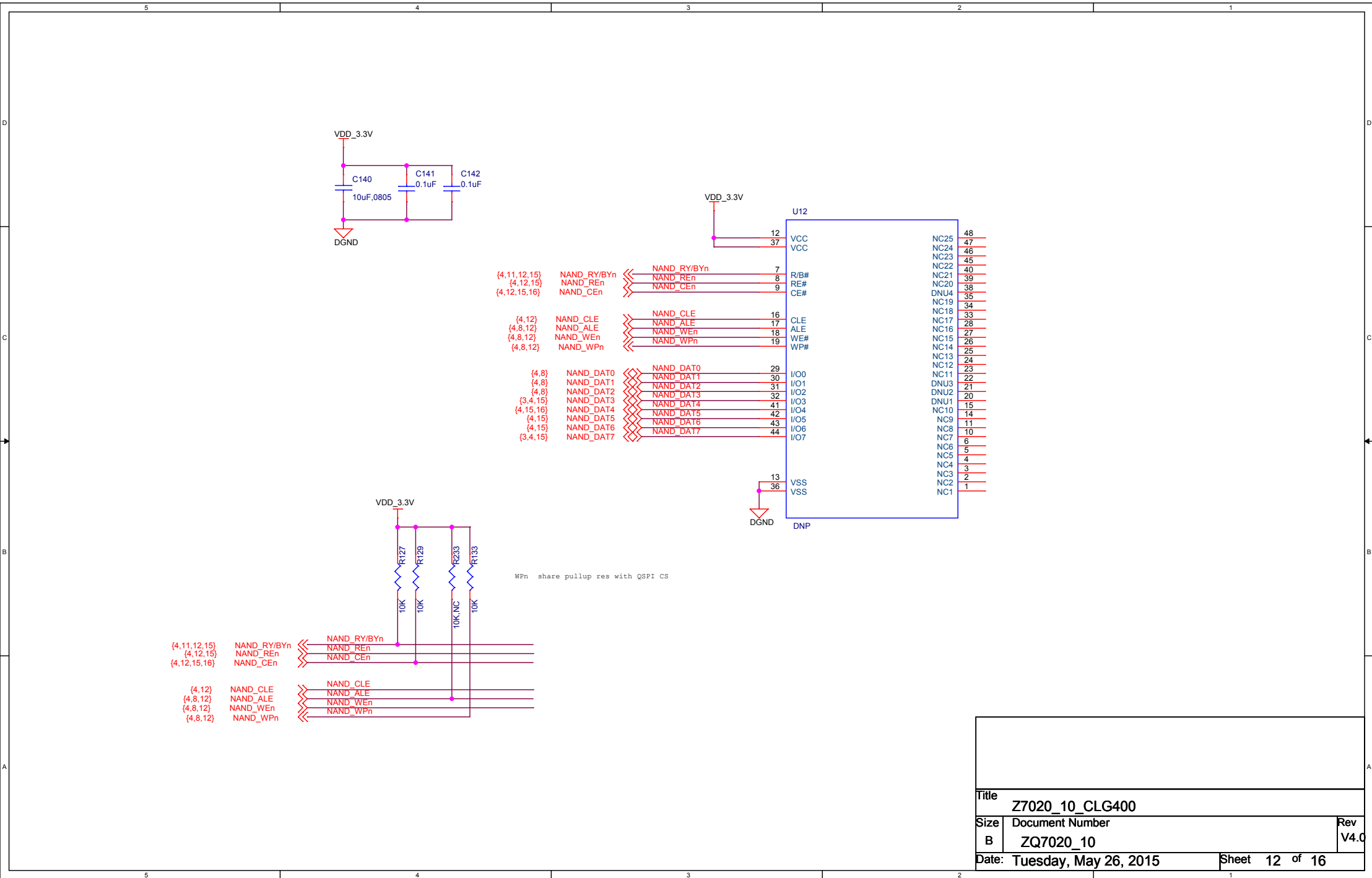
Title			Z7020_10_CLG400		
Size		Document Number			Rev
B		ZQ7020_10			V4.0
Date: Tuesday, May 26, 2015				Sheet 8 of 16	



Title	Z7020_10_CLG400		
Size	Document Number	Rev	
B	ZQ7020_10	V4.0	
Date:	Tuesday, May 26, 2015	Sheet	9 of 16







Title			Z7020_10_CLG400
Size	Document Number		Rev
B	ZQ7020_10		V4.0
Date:	Tuesday, May 26, 2015	Sheet	12 of 16

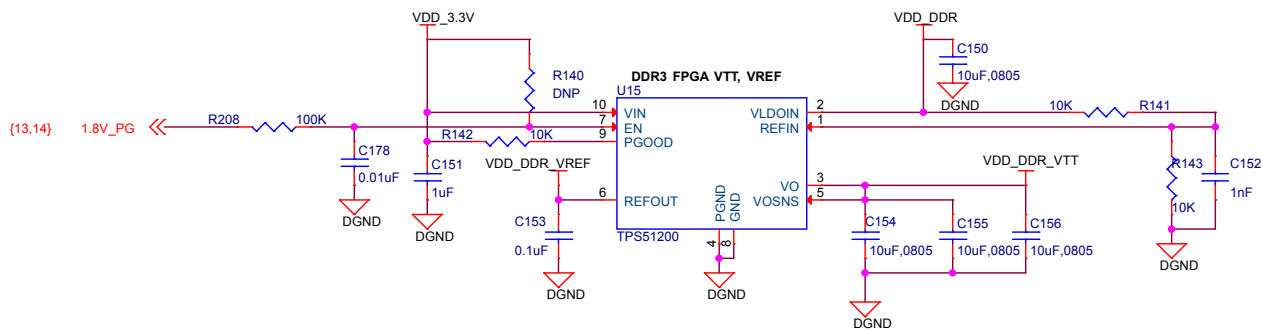
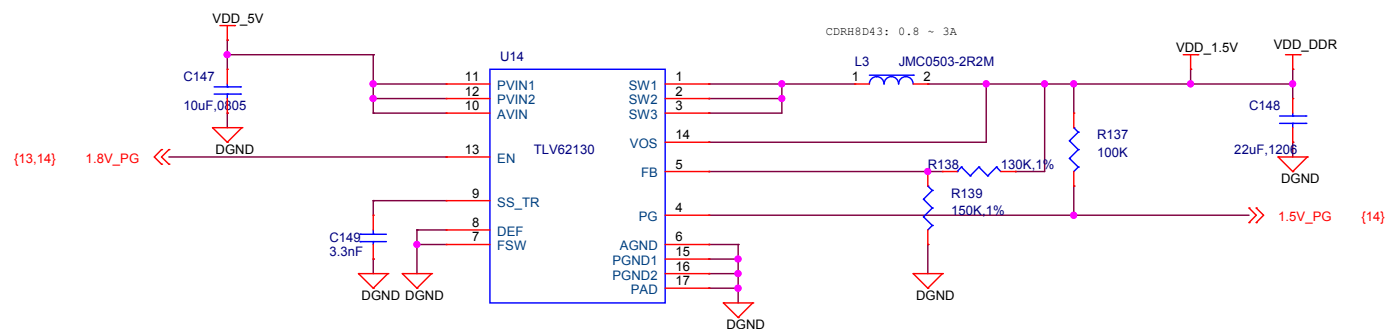
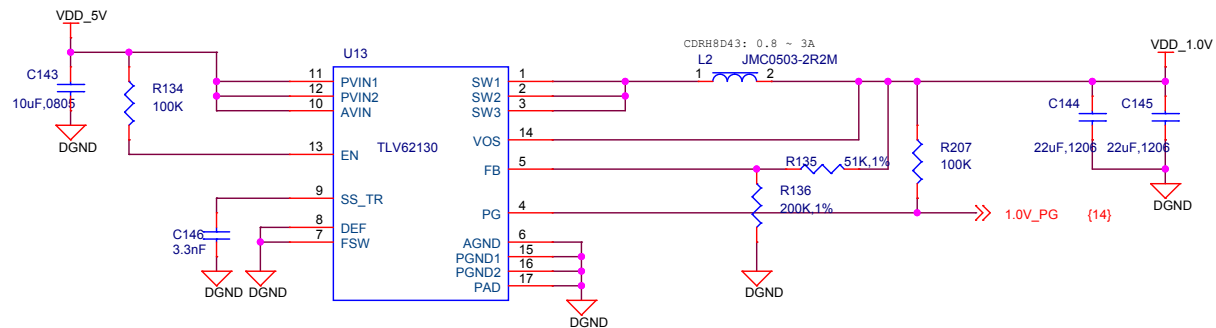
5

4

3

2

1



Title			Z7020_10_CLG400
Size			Document Number
B			ZQ7020_10
Date:			Tuesday, May 26, 2015
Sheet			13 of 16
Rev			V4.0

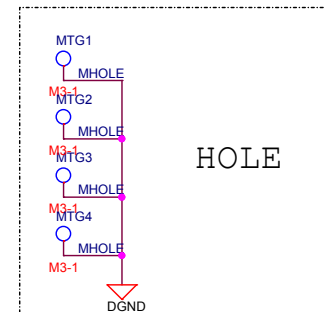
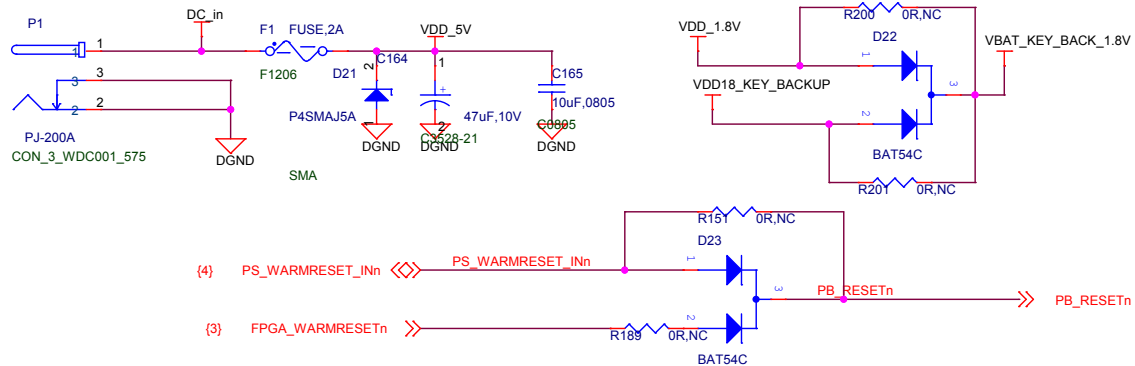
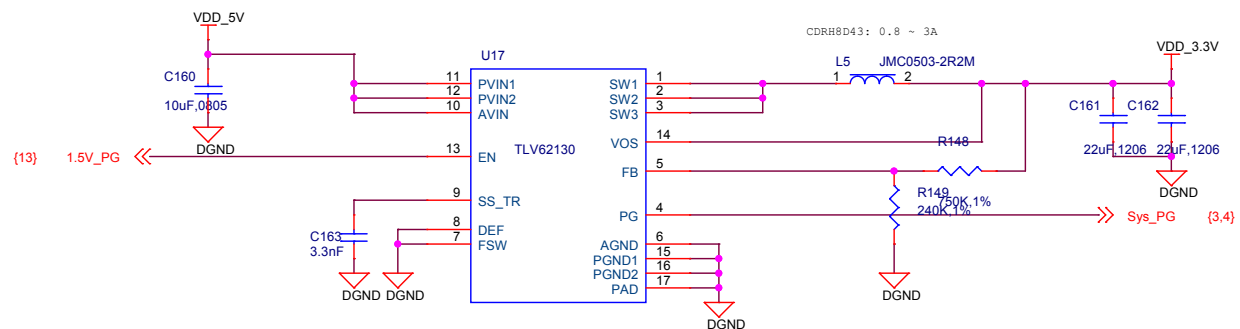
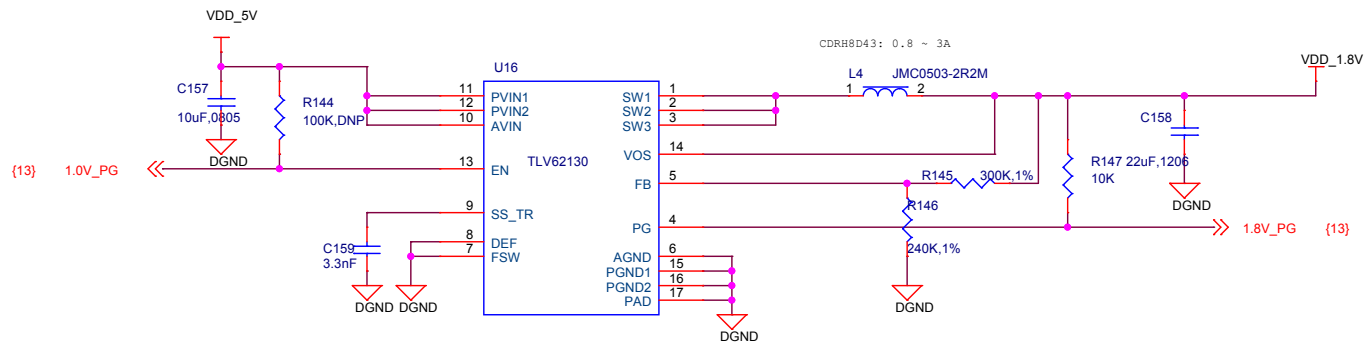
5

4

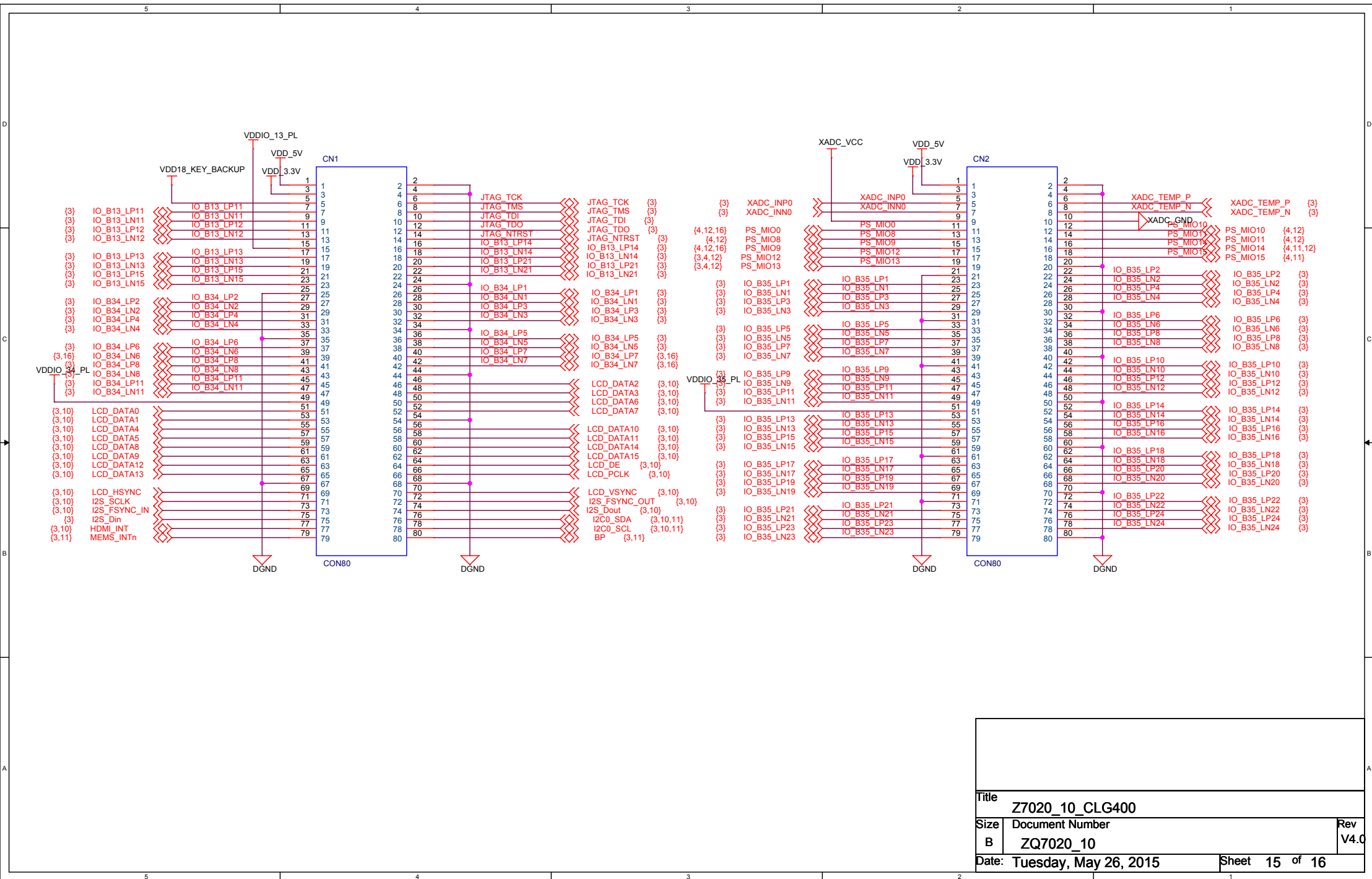
3

2

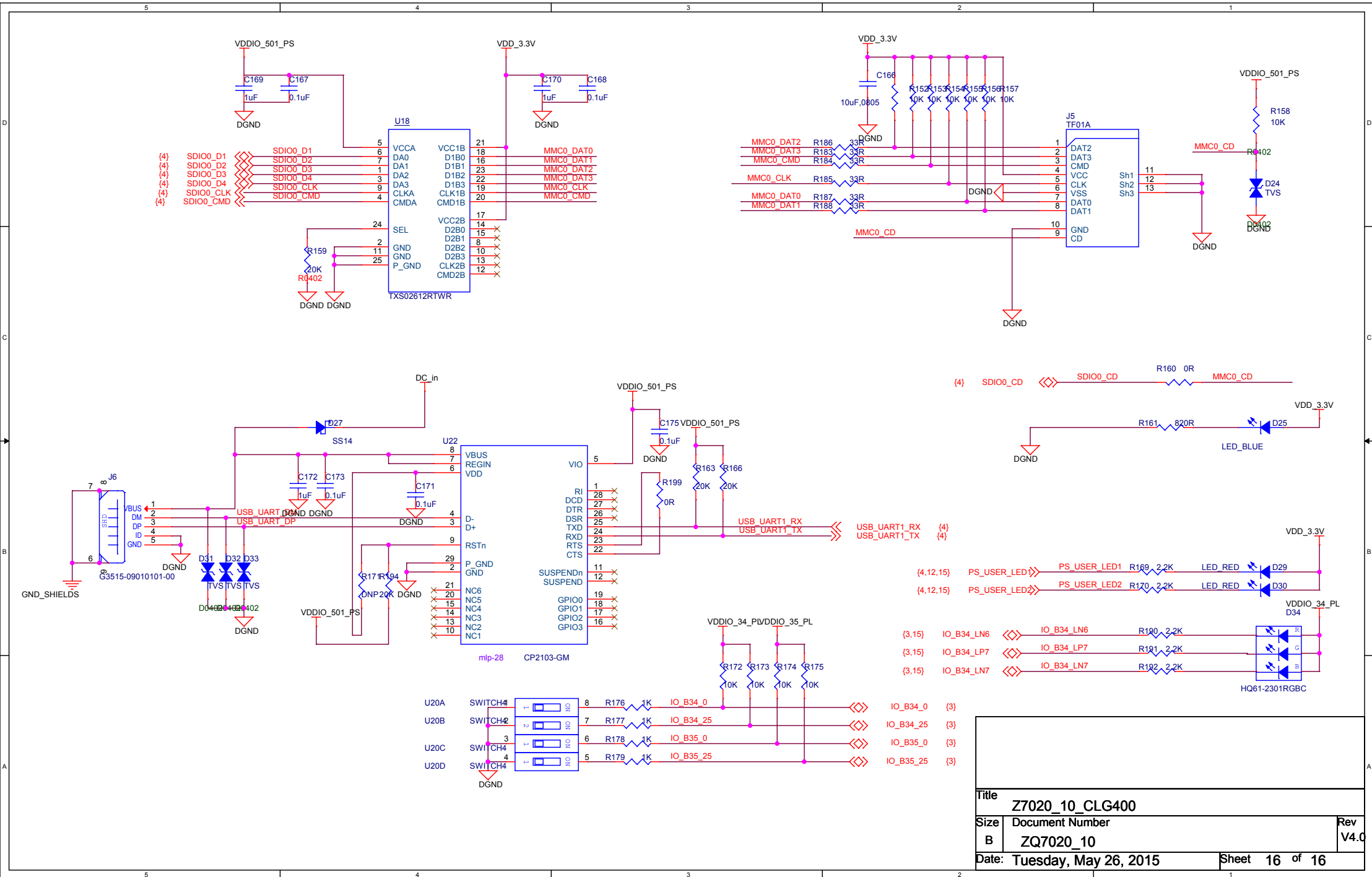
1



Title			Z7020_10_CLG400
Size			Document Number
B			ZQ7020_10
Date:			Tuesday, May 26, 2015
Sheet			14 of 16
Rev			V4.0



Title		
Z7020_10_CLG400		
Size	Document Number	Rev
B	ZQ7020_10	V4.0
Date:	Tuesday, May 26, 2015	Sheet 15 of 16



Title		
Z7020_10_CLG400		
Size	Document Number	Rev
B	ZQ7020_10	V4.0
Date: Tuesday, May 26, 2015		Sheet 16 of 16