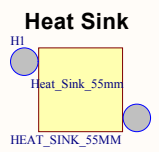
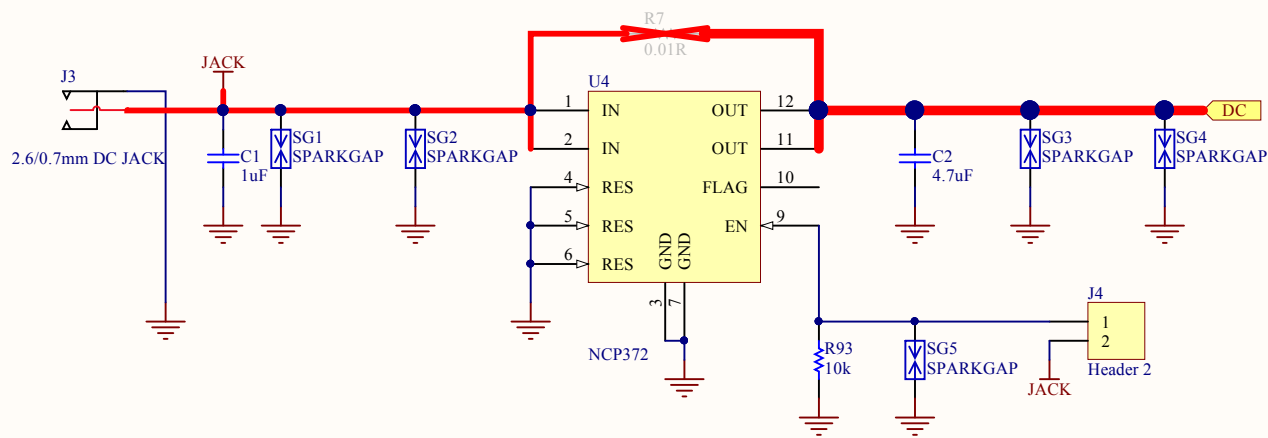


Mounting Holes

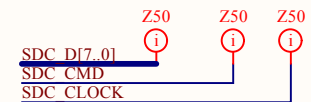
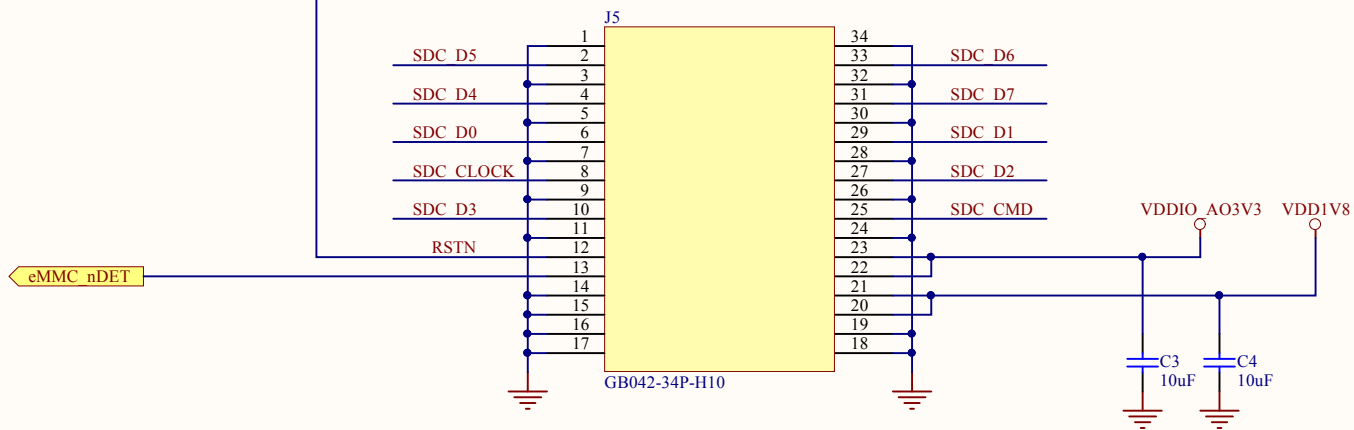
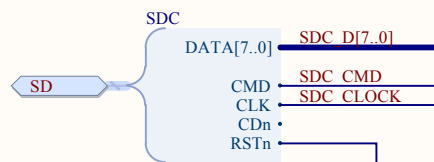
- MH1
MOUNTING HOLE 3MM
- MH2
MOUNTING HOLE 3MM
- MH3
MOUNTING HOLE 3MM
- MH4
MOUNTING HOLE 3MM

GPIOY.BIT1	GPIOY.BIT0	Revision
0	0	0.1
0	1	0.2
1	0	0.3
1	1	0.4



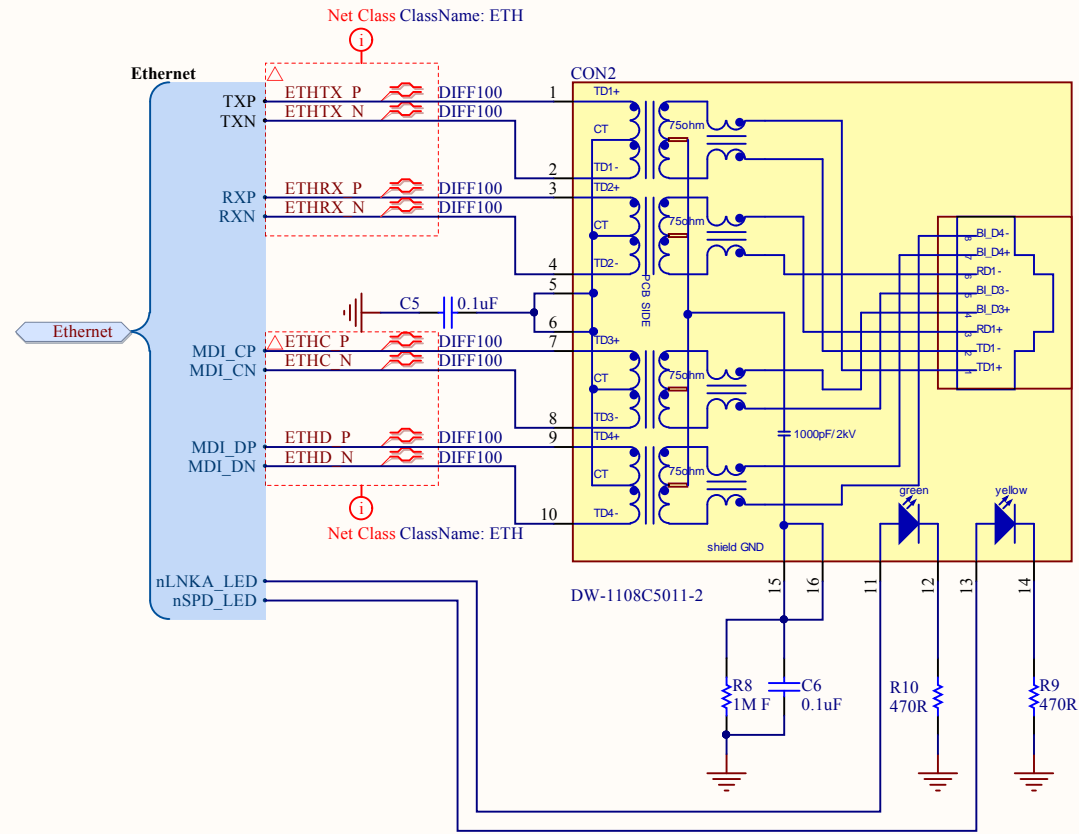


Title DC Jack			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	ARDUINO
Size: A4	Number:2	Revision:0.1	Designed by: ruppi.kim@hardkernel.com	
Date: 2015-07-20	Time: 오후 3:26:25	Sheet2 of 26		
File: CON_DCJACK.SchDoc				

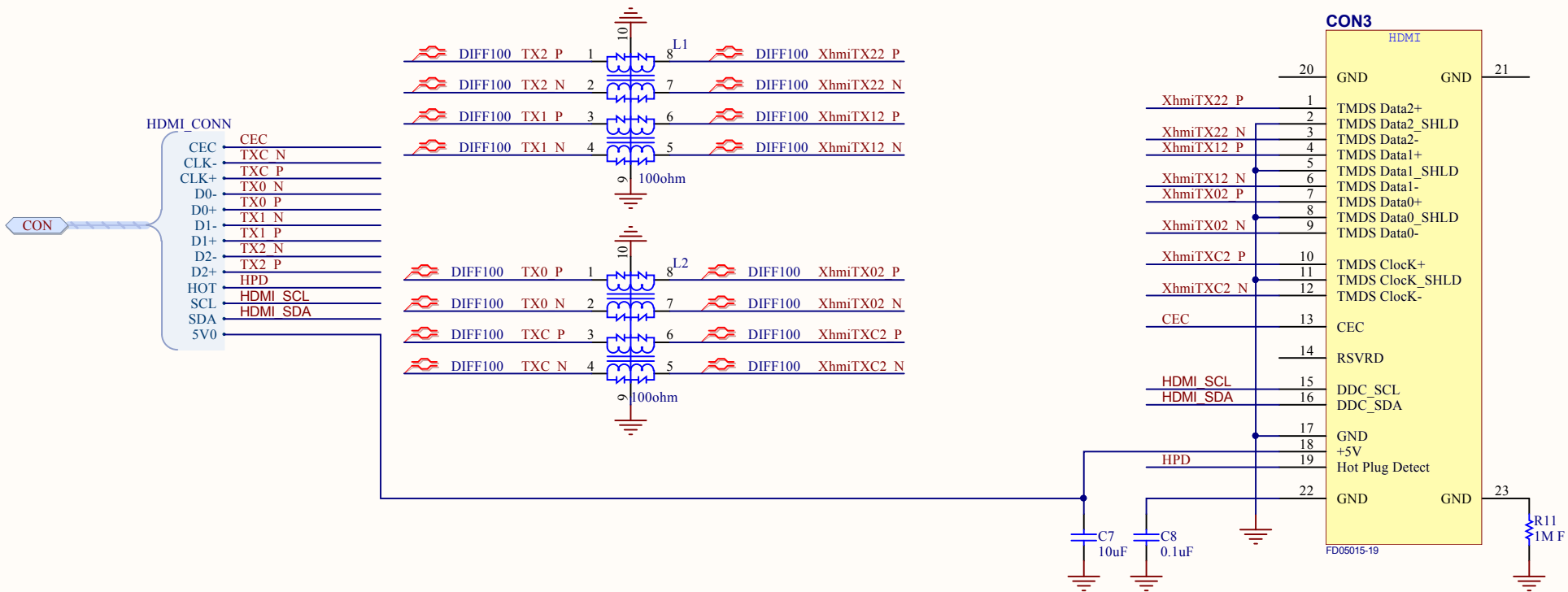


Title CON_eMMC		Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:3	Revision0.1	
Date: 2015-07-20	Time: 오후 3:26:25		Sheet3 of 26
File: CON_EMMC.SchDoc		Designed by: ruppi kim@hardkernel.com	

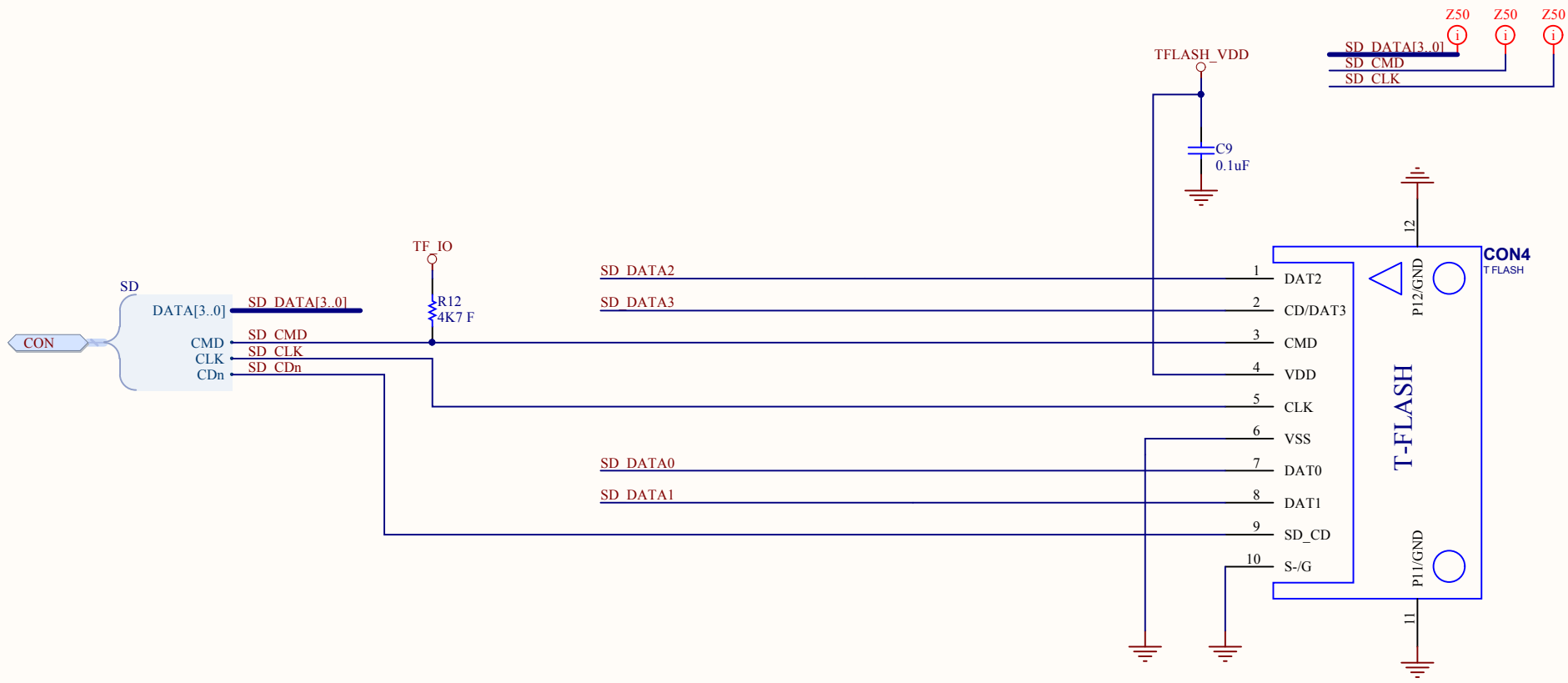




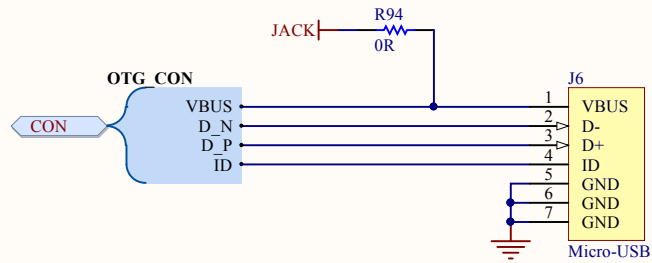
Title Giga Ethernet Connector			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:4	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:25	Sheet4 of 26	Designed by: ruppi.kim@hardkernel.com	
File: CON_GIGA_ETH.SchDoc				




Title HDMI Type A Connector			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:5	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet 5 of 26		
File: CON_HDMI.SchDoc			Designed by: ruppi kim@hardkernel.com	



Title Micro SD Socket			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:6	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet:6 of 26		
File: CON_MICROSD_HD08-AL00335.SchDoc			Designed by: ruppi kim@hardkernel.com	



Title Micro USB Connector			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:7	Revision0.1		
Date: 2015-07-20	Time: 오후 3:26:26		Sheet7 of 26	
File: CON_MICROUSB.SchDoc			Designed by: ruppi kim@hardkernel.com	

1

2

3

4

A

A

B

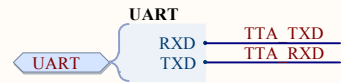
B


C

C

D

D



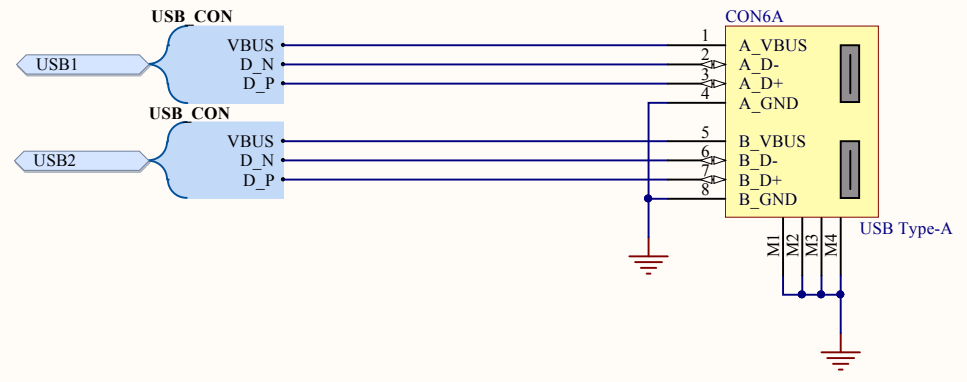
Title CON_UART			<i>Hardkernel Co.,LTD.</i> 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number:8	Revision0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet8 of 26		
File: CON_UART.SchDoc				


1

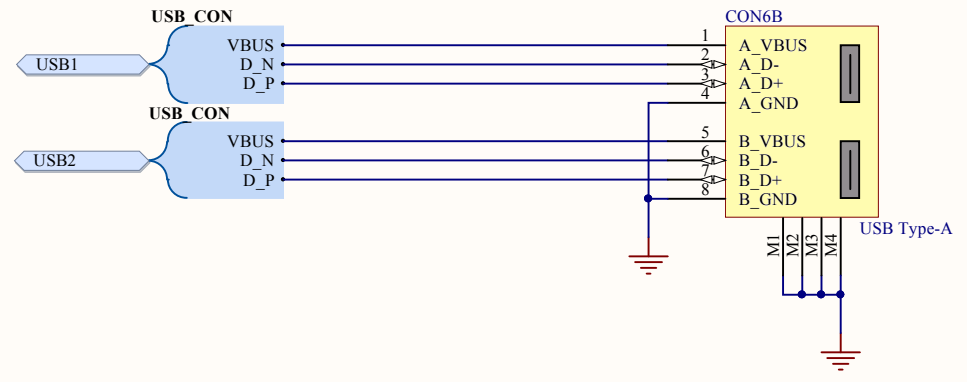
2

3

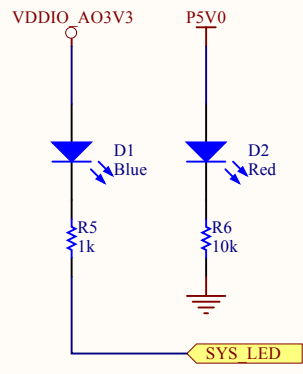
4



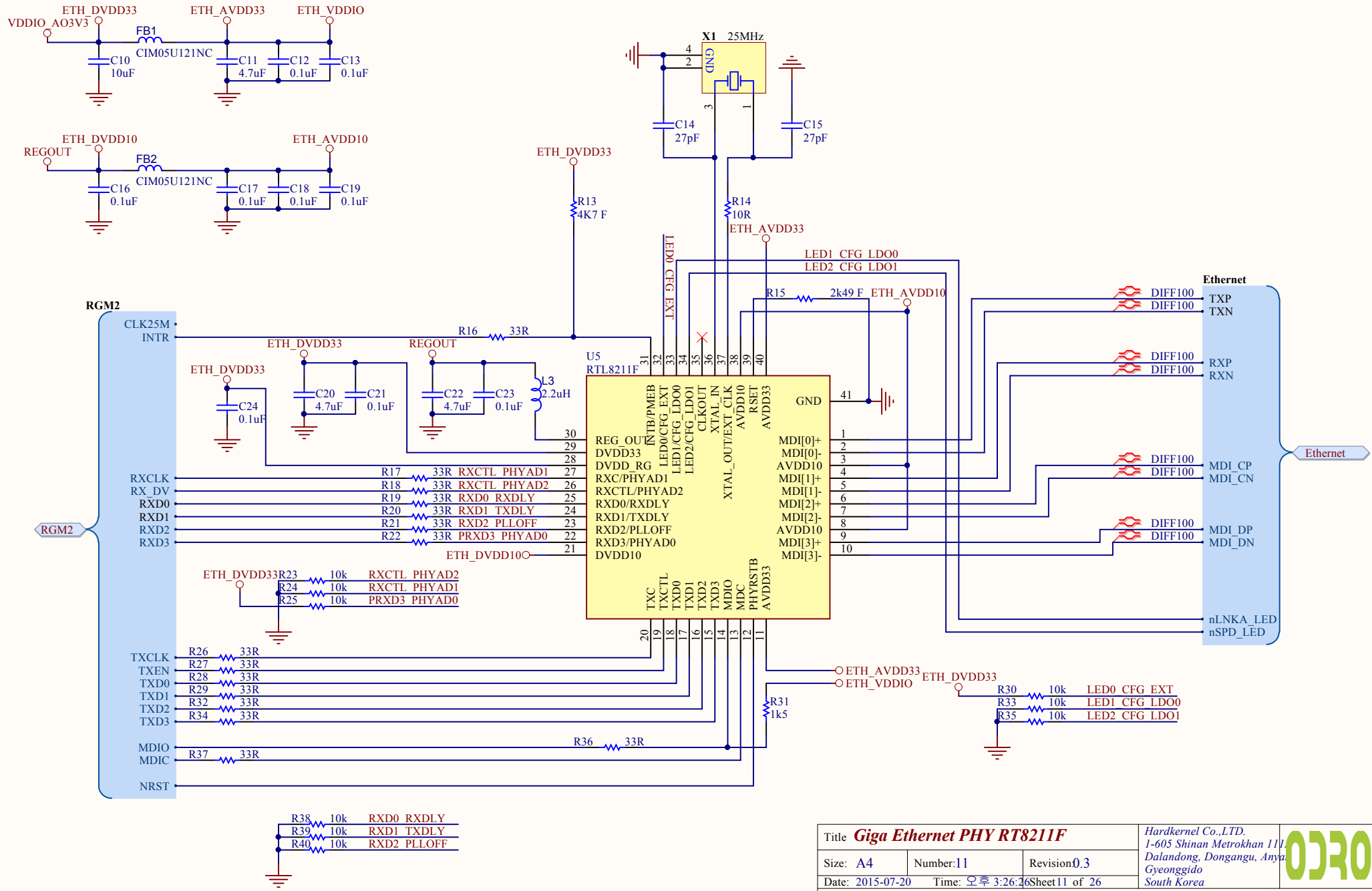
Title USB 2.0 Type A Connector			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:9	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet:9 of 26	Designed by: rupperkim@hardkernel.com	
File: CON_USB_RA.SchDoc				



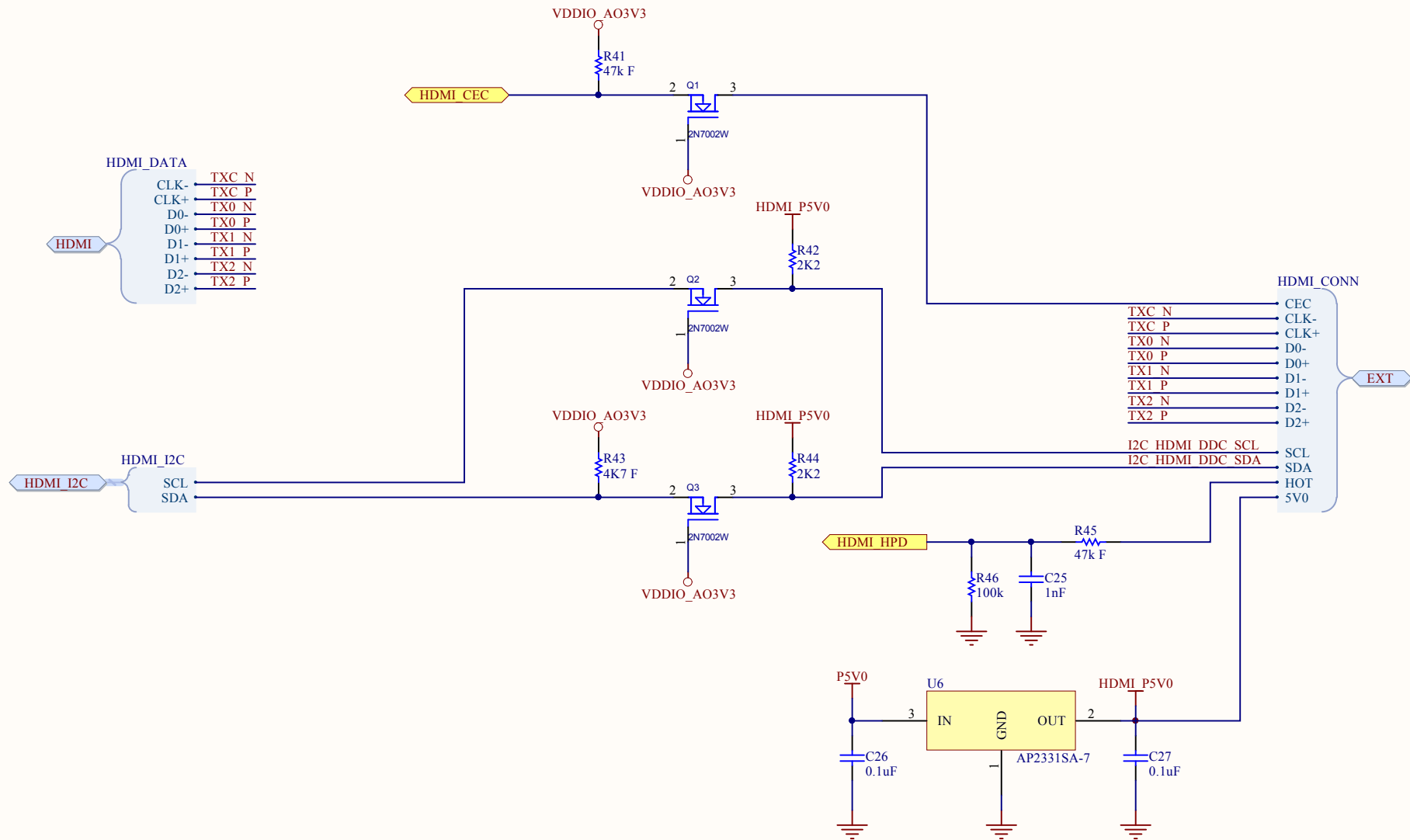
Title USB 2.0 Type A Connector			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:9	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet9 of 26	Designed by: ruppi.kim@hardkernel.com	
File: CON_USB_RA.SchDoc				



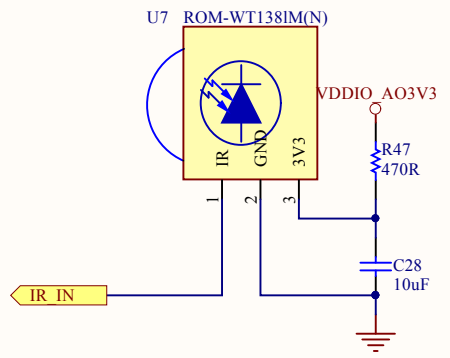
Title LEDs			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeongido South Korea	
Size: A4	Number:10	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:26		Sheet 10 of 26	
File: C_LEDS.SchDoc			Designed by: ruppi.kim@hardkernel.com	




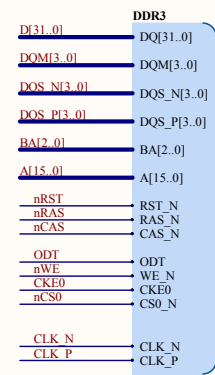
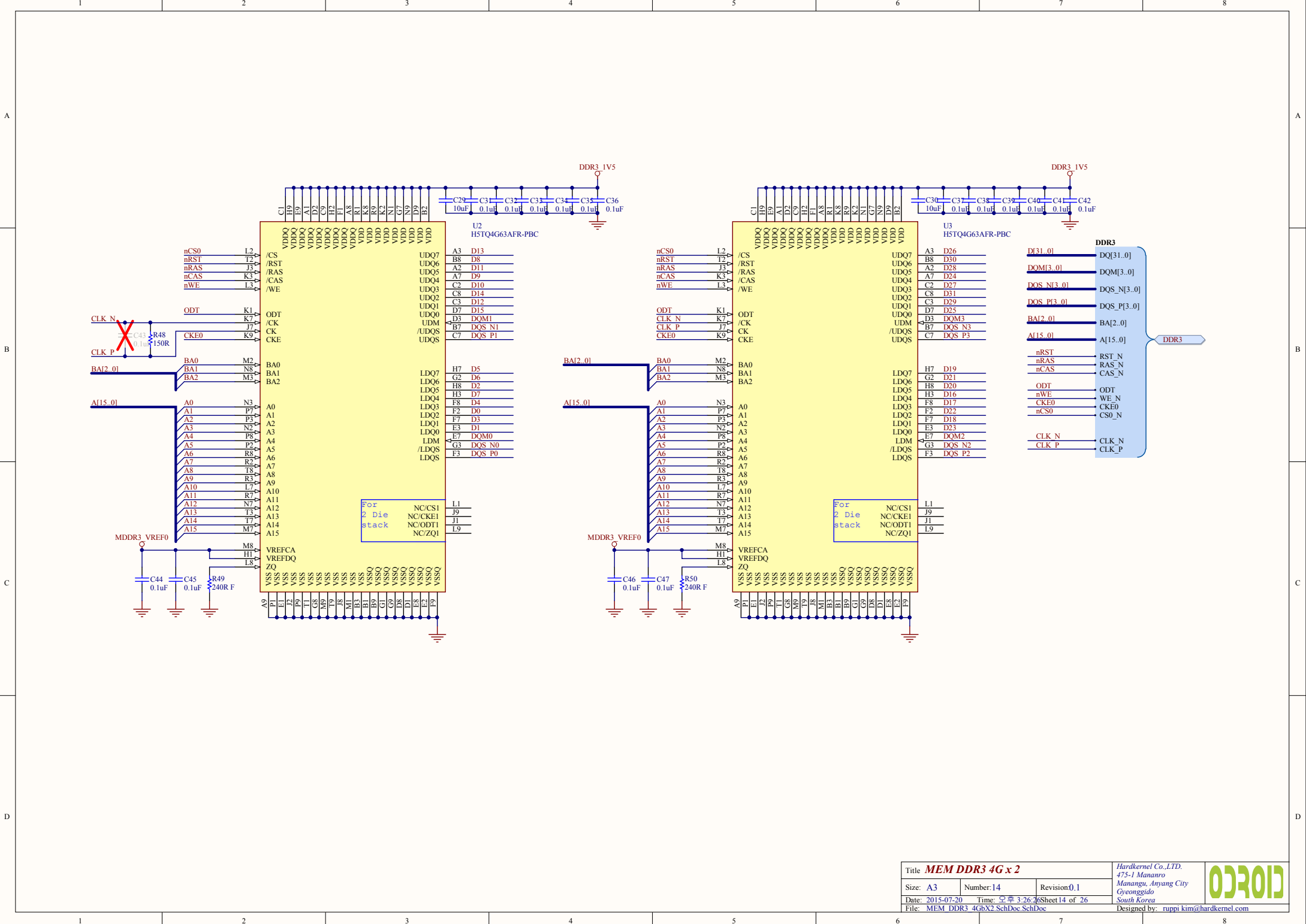
Title Giga Ethernet PHY RT8211F		Hardkernel Co.,LTD. 1-605 Shinan Metrokhan 111, Dalandong, Dongangu, Anya Gyeonggido South Korea	
Size: A4	Number:11	Revision:0.3	
Date: 2015-07-20	Time: 오후 3:26:26	Sheet 11 of 26	
File: GIGA_ETHERNET_PHY_RT8211F.SchDoc		Designed by: ruppi.kim@hardkernel.com	

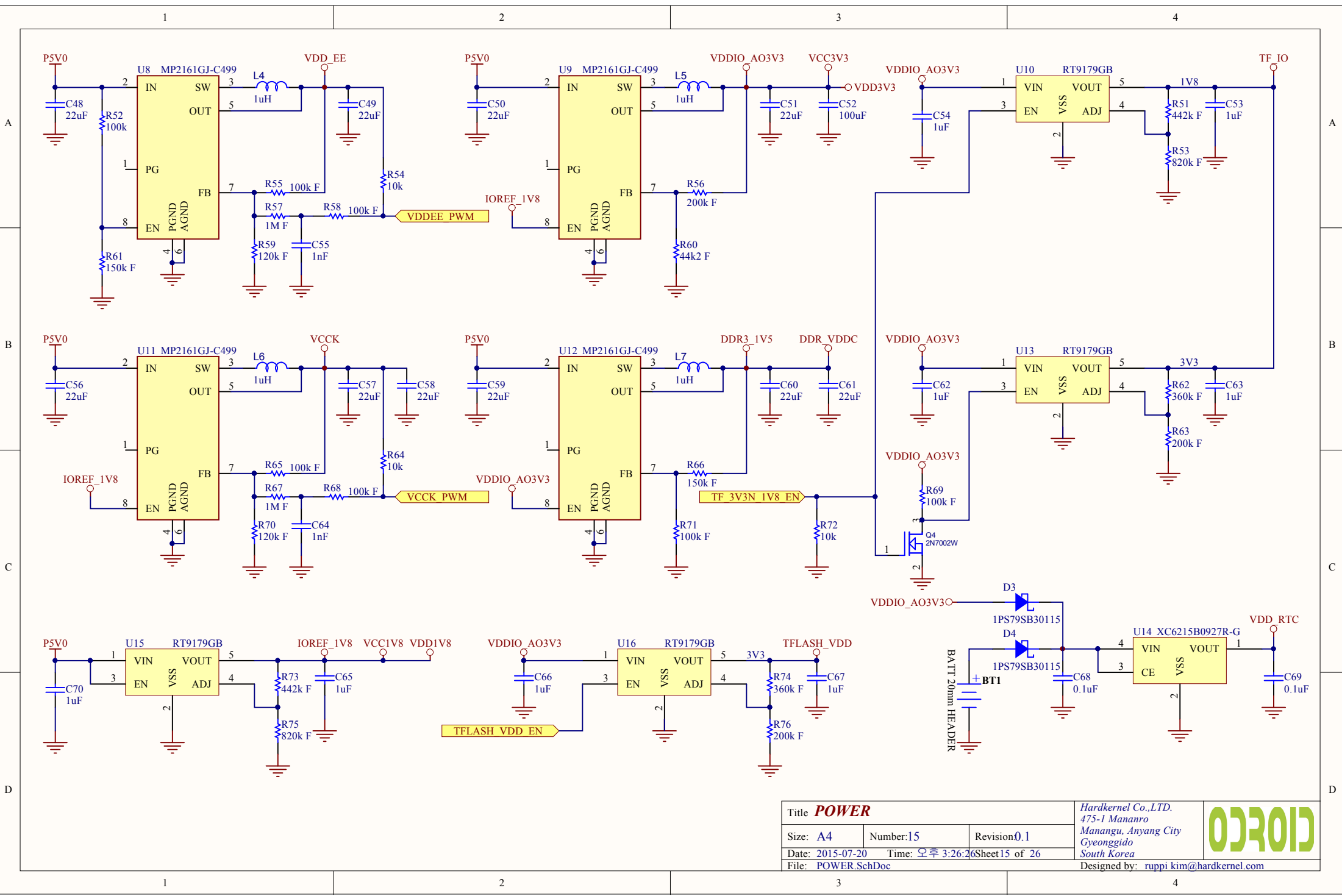


Title HDMI EDID & ETC			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:12	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet 12 of 26	Designed by: ruppi.kim@hardkernel.com	
File: HDMI_I2C.SchDoc				

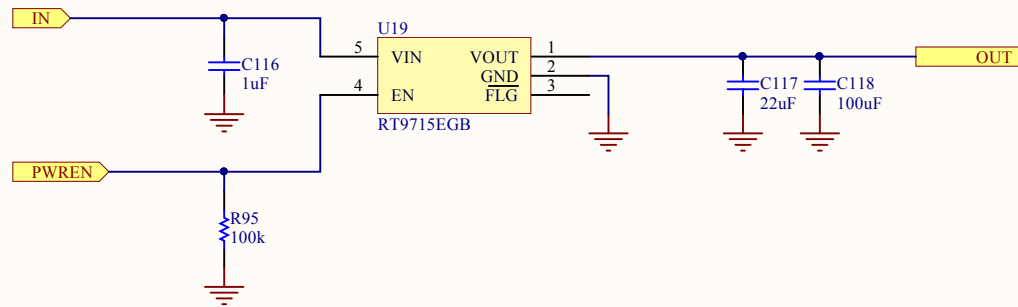



Title Remote Control Receiver			<i>Hardkernel Co.,LTD.</i> 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number:13	Revision0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet 13 of 26		
File: IR.SchDoc				

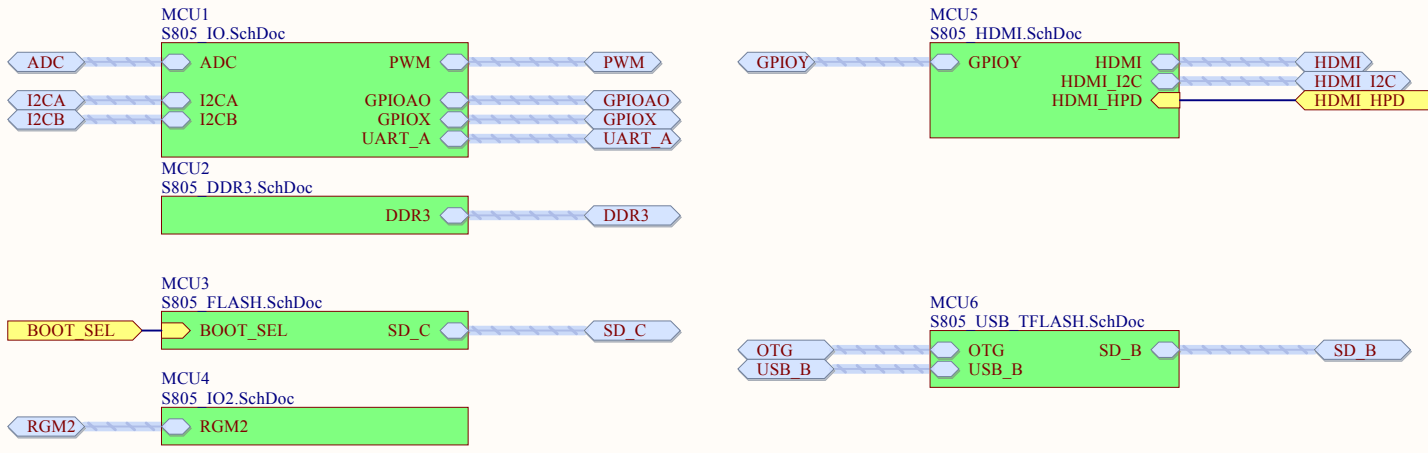




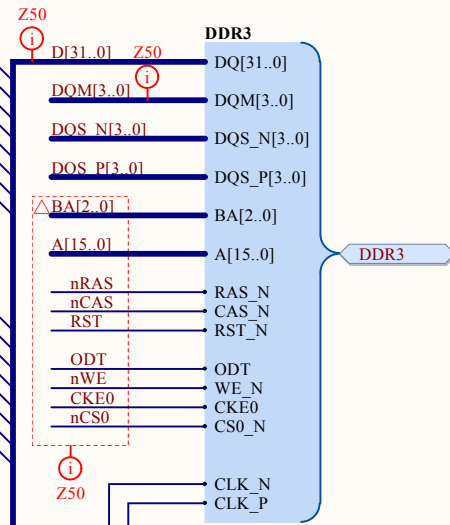
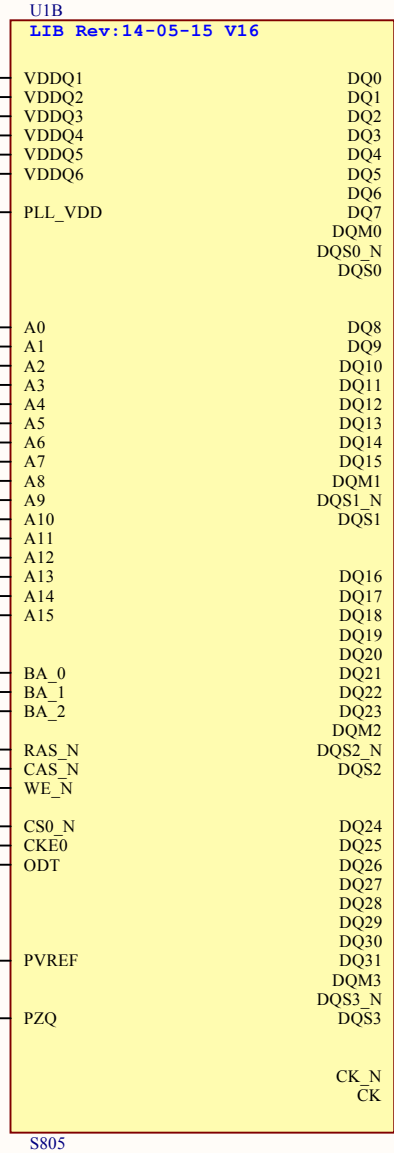
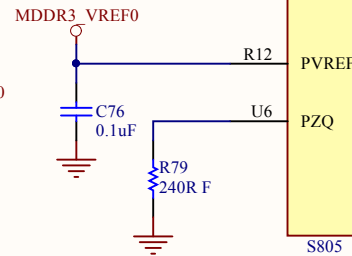
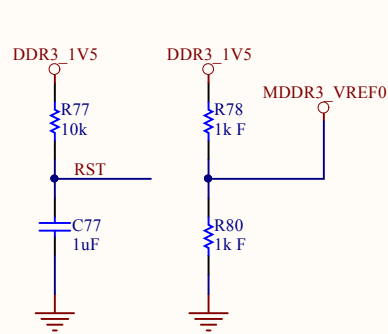
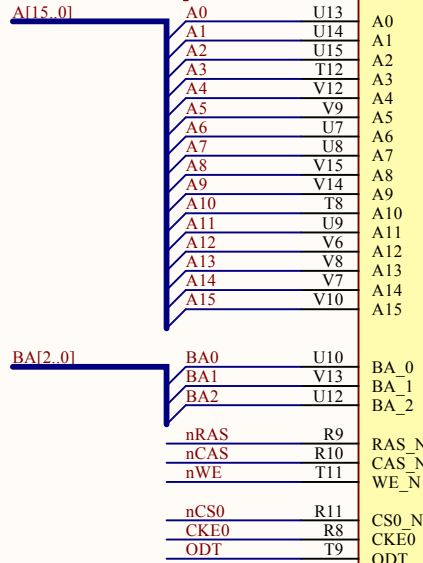
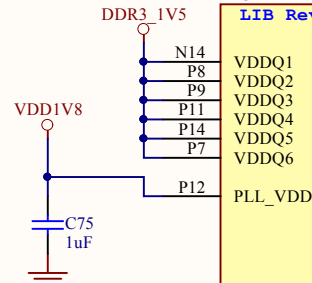
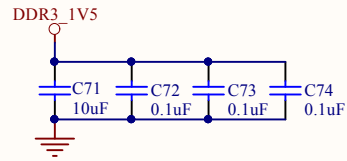
Title POWER			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:15	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet 15 of 26	Designed by: ruppi.kim@hardkernel.com	
File: POWER.SchDoc				



Title USB HOST Power Switch			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeongido South Korea Designed by: rupperkim@hardkernel.com	
Size: A4	Number:16	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet 16 of 26		
File: RT9715EGB.SchDoc				

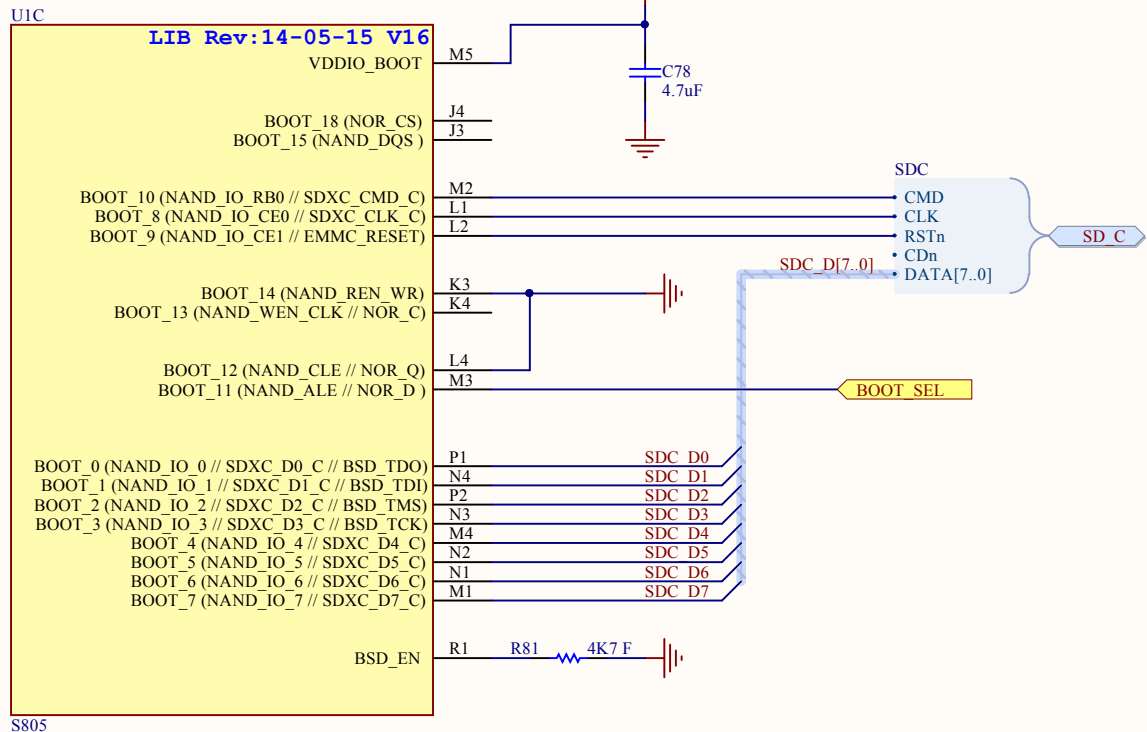


Title S805			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:17	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet 17 of 26	Designed by: ruppi.kim@hardkernel.com	
File: S805.SchDoc				



DQS_N[3..0] DIFF100
 DQS_P[3..0] DIFF100

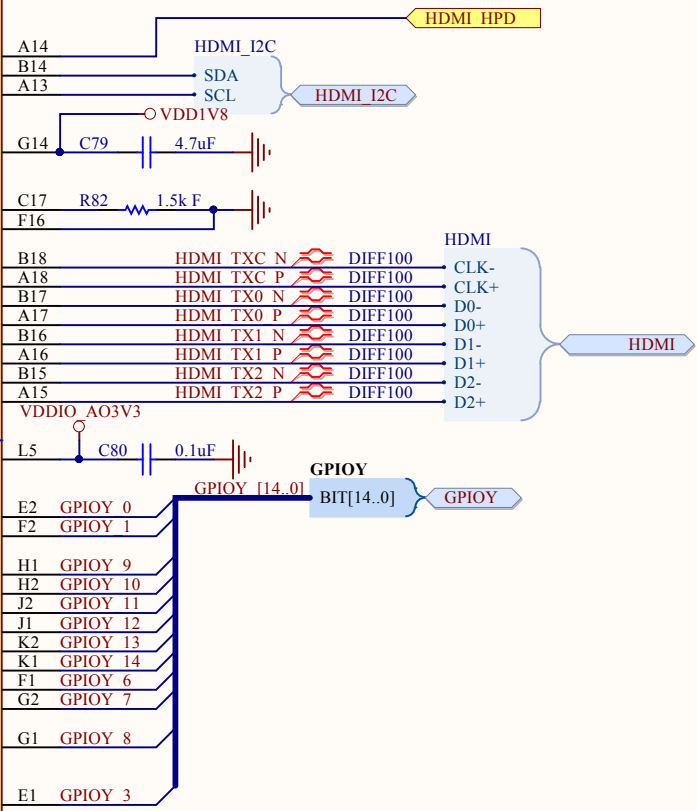
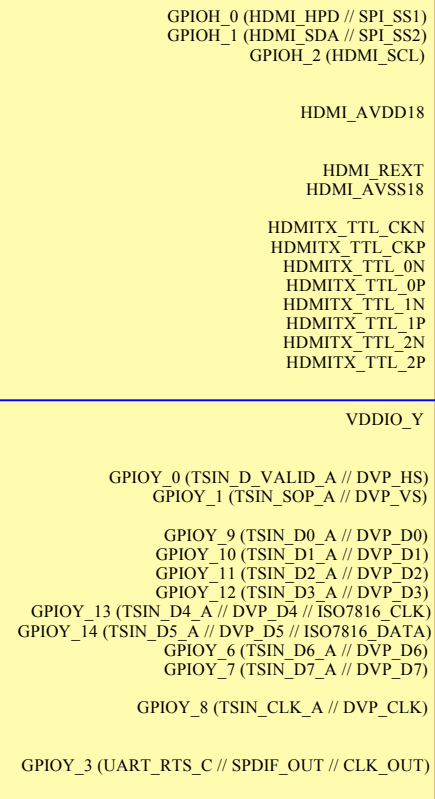
Title S805 DDR3			R&D PART 704 Anyang K-center 1591-9	
Size: A4	Number:18	Revision:0.3	Burim Dongan Gu	
Date: 2015-07-20	Time: 오후 3:26:26	Sheet 18 of 26	Gyeonggido	
File: S805_DDR3.SchDoc			South Korea	
			Designed by: ruppi.kim@hardkernel.com	



Title S805 FLASH			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:19	Revision0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet 19 of 26	Designed by: ruppi kim@hardkernel.com	
File: S805_FLASH.SchDoc				

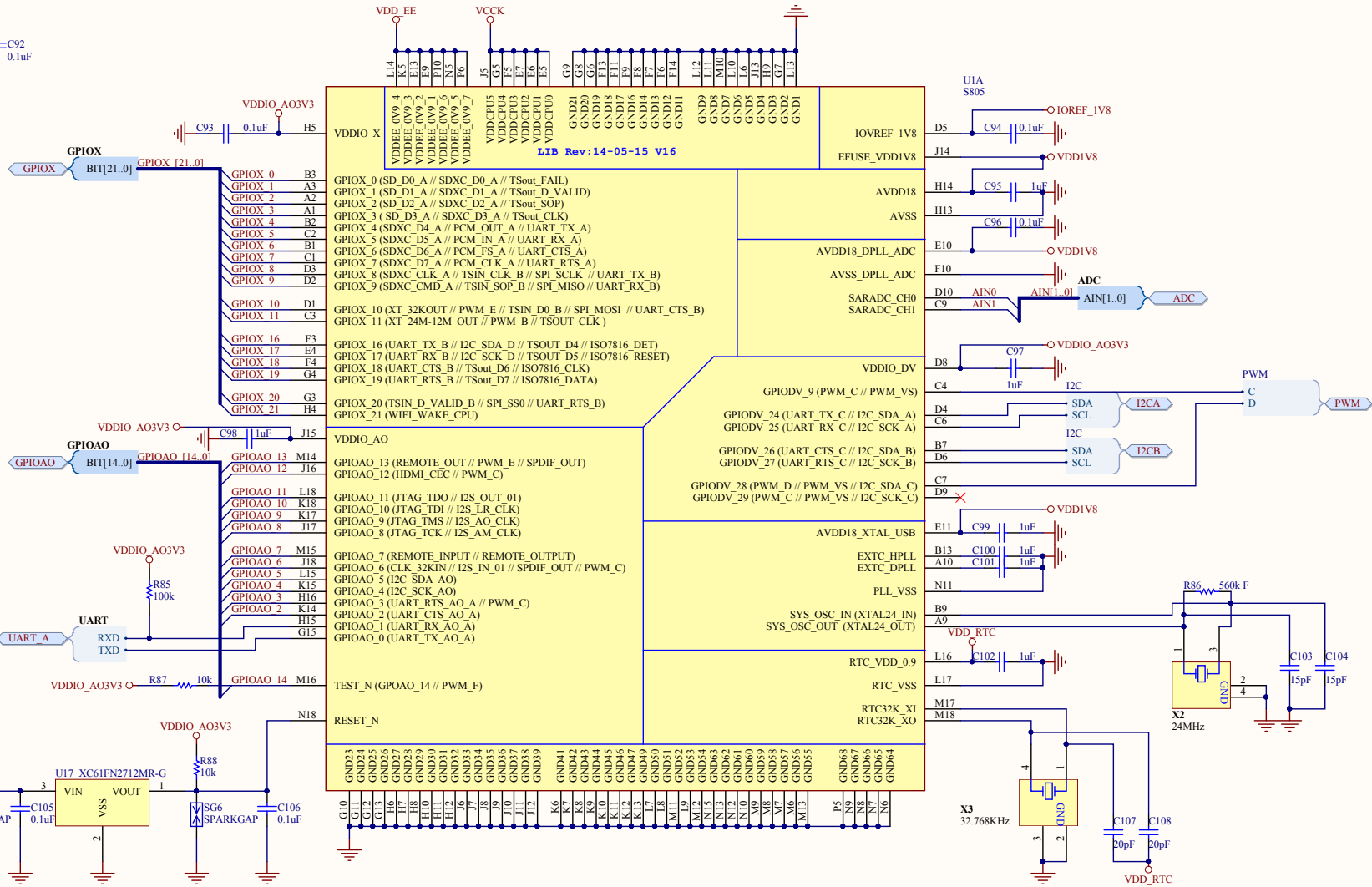
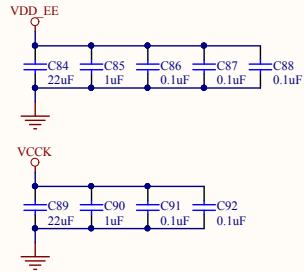
UIF

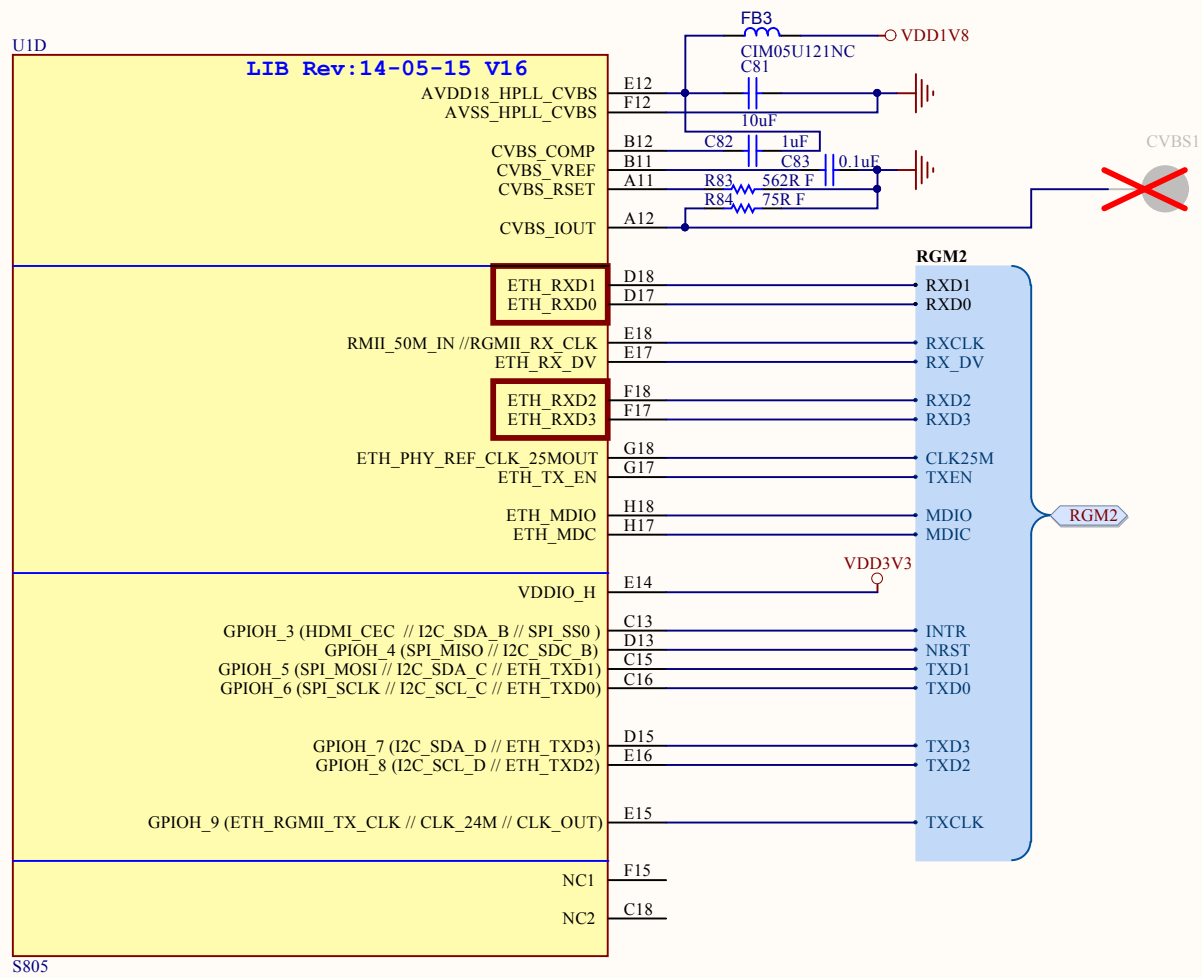
LIB Rev:14-05-15 V16



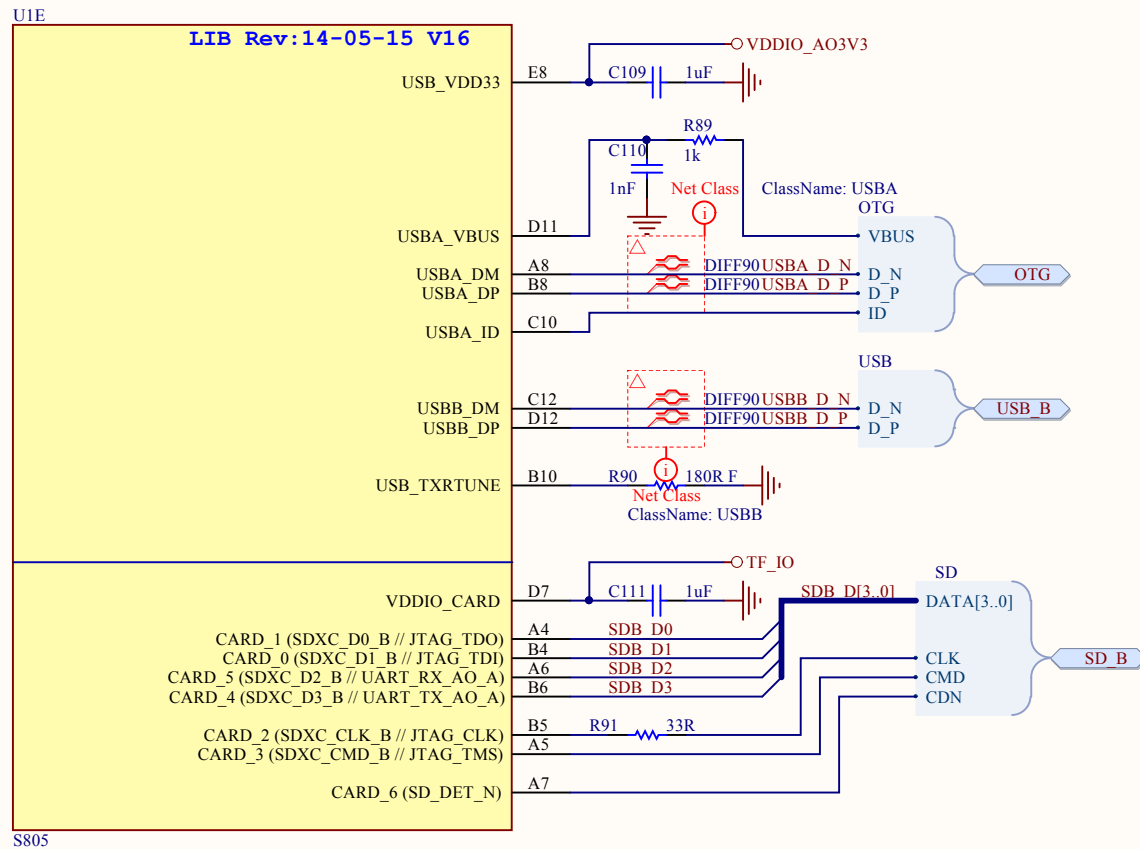
S805

Title S805 HDMI			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:20	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:26	Sheet 20 of 26		
File: S805_HDMI.SchDoc			Designed by: ruppi.kim@hardkernel.com	



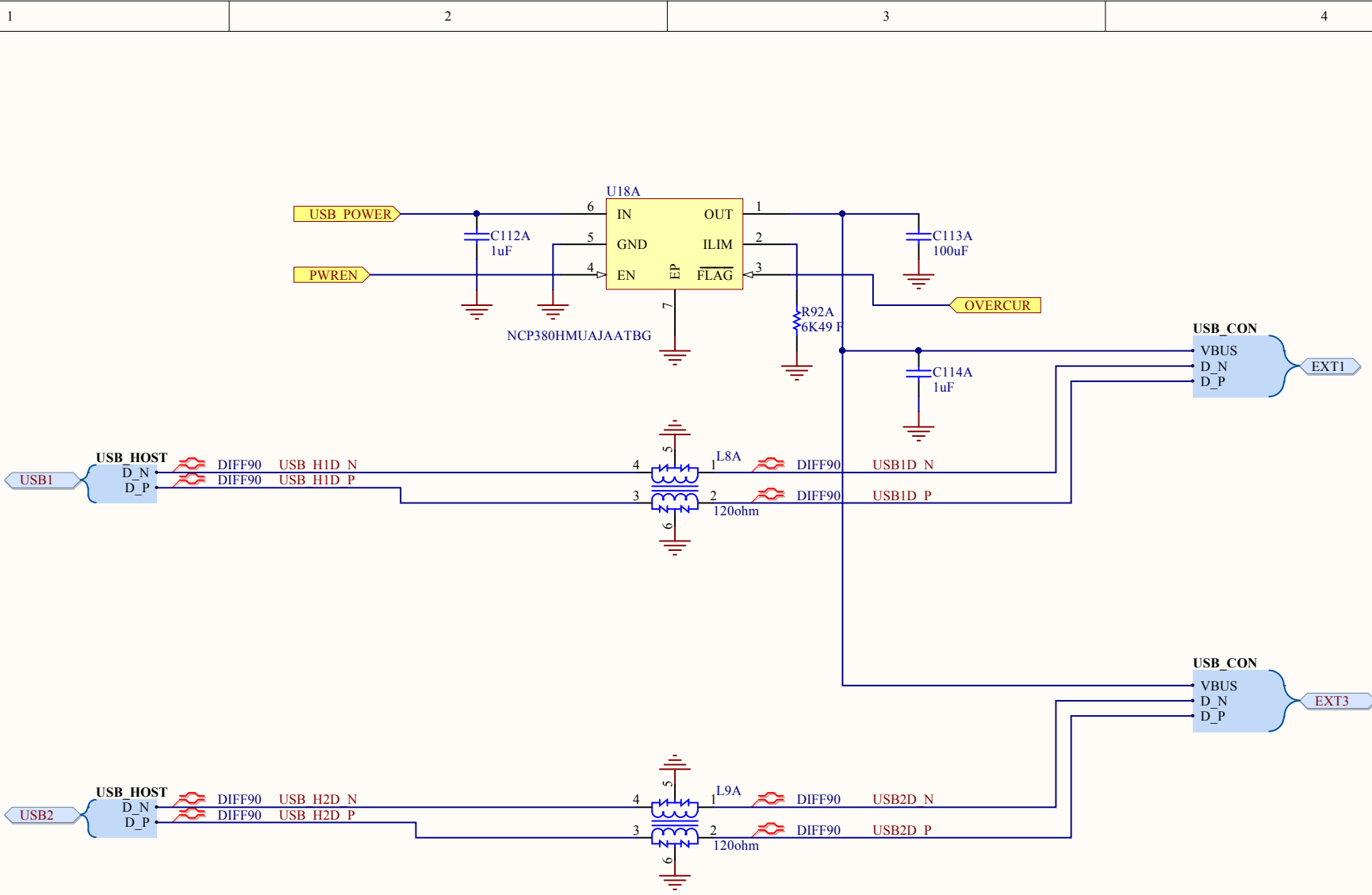


Title S805 IO2			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:22	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:27		Sheet 22 of 26	
File: S805_IO2.SchDoc			Designed by: ruppi.kim@hardkernel.com	



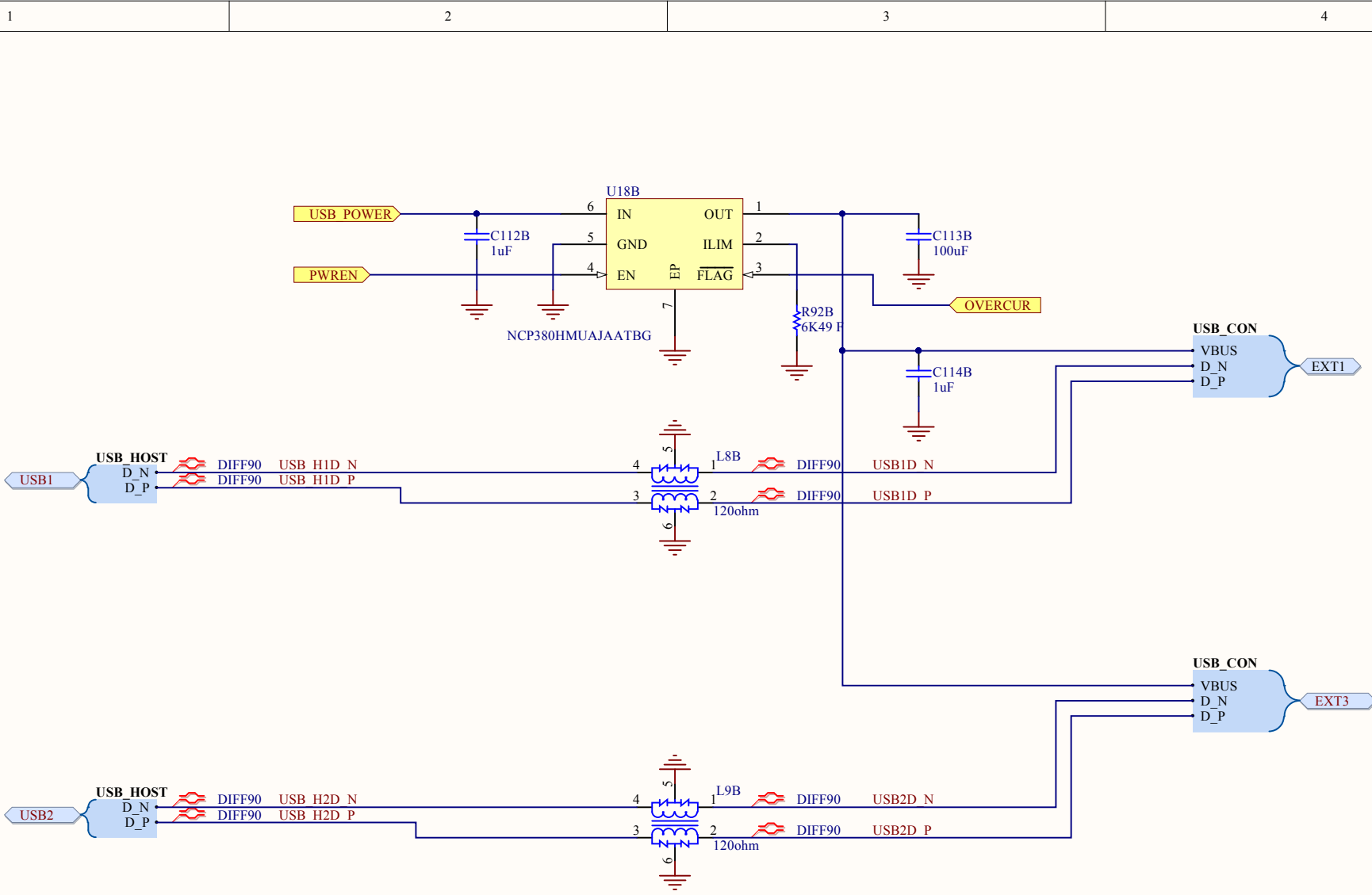
S805

Title S805 USB2 SDB			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:23	Revision:0.1	Designed by: ruppi.kim@hardkernel.com	
Date: 2015-07-20	Time: 오후 3:26:27	Sheet 23 of 26		
File: S805_USB_TFLASH.SchDoc				



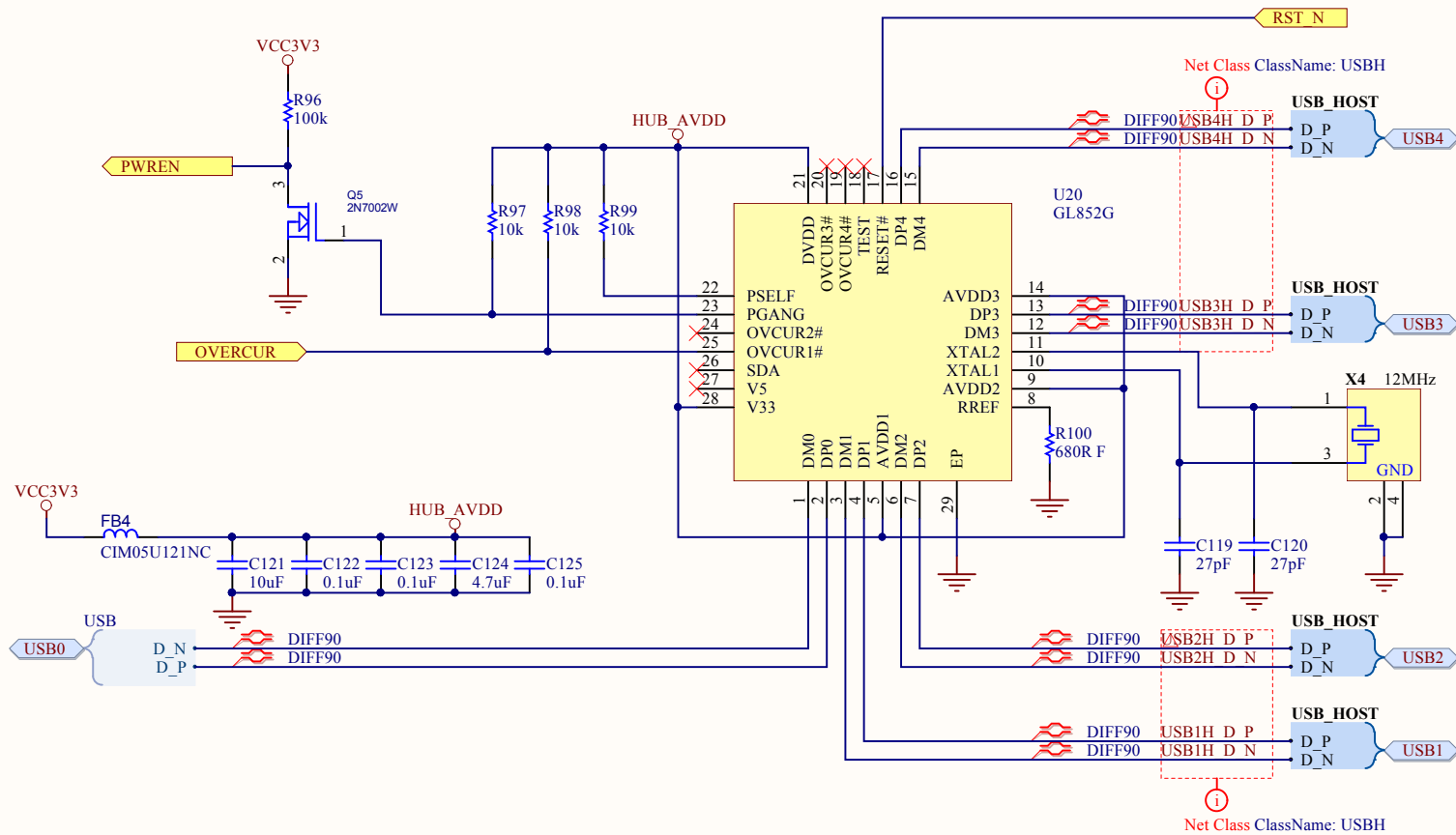
Title USB HOST POWER		Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:24	Revision:0.1	
Date: 2015-07-20	Time: 오후 3:26:27	Sheet 24 of 26	
File: USB_HOST_PWR_SW.SchDoc		Designed by: ruppi.kim@hardkernel.com	





Title USB HOST POWER		Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	
Size: A4	Number:24	Revision:0.1	
Date: 2015-07-20	Time: 오후 3:26:27	Sheet 24 of 26	
File: USB_HOST_PWR_SW.SchDoc		Designed by: ruppi.kim@hardkernel.com	





Title **USB HUB GL852G-OHG**

Size: A4

Number: 25

Revision: 0.1

Date: 2015-07-20

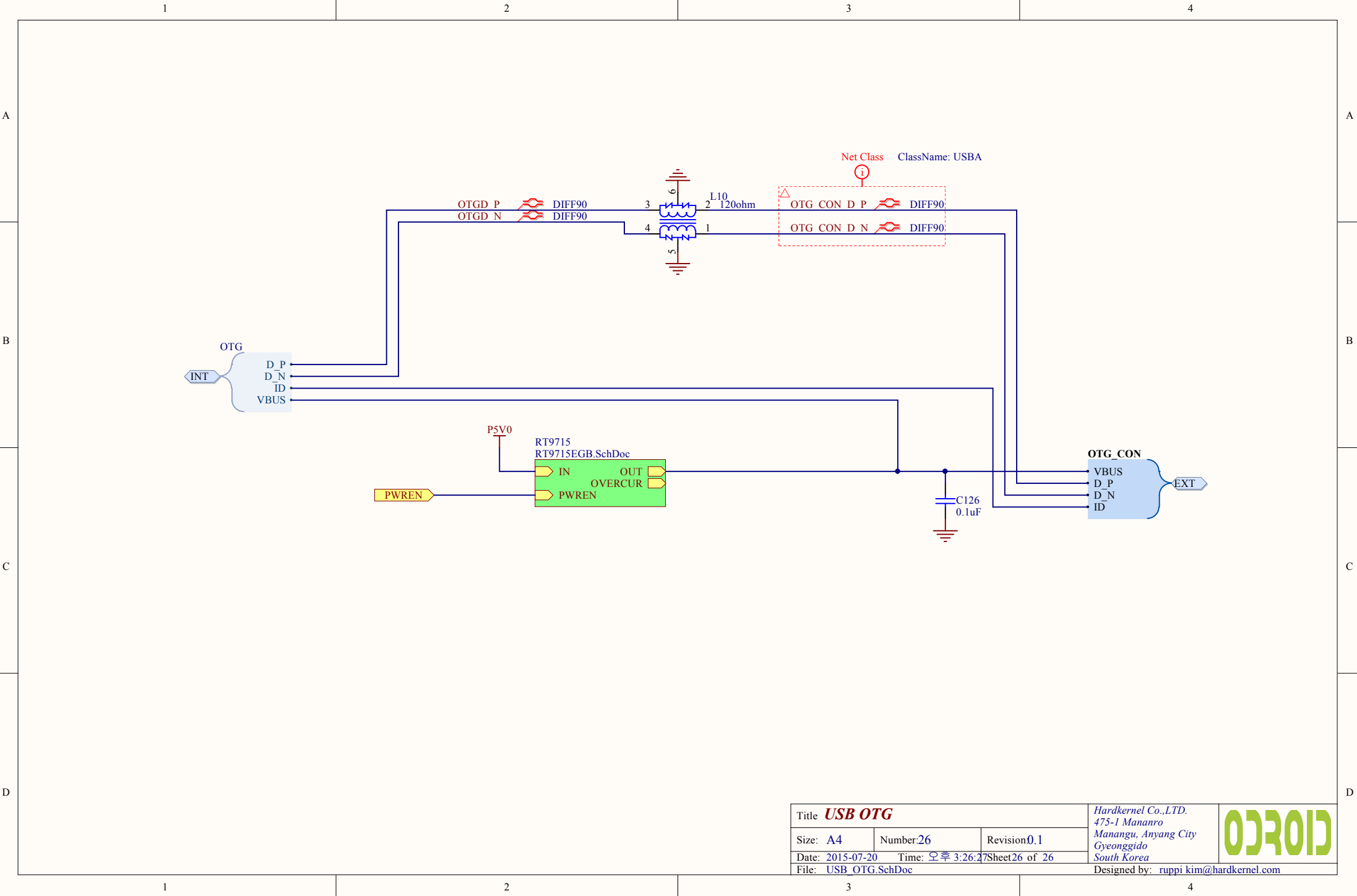
Time: 오후 3:26:27 Sheet 25 of 26

File: USB_HUB_GL852G-OHG.SchDoc

Hardkernel Co.,LTD.
475-1 Mananro
Manangu, Anyang City
Gyeonggido
South Korea



Designed by: ruppi.kim@hardkernel.com



Title USB OTG			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea	ANDROID
Size: A4	Number:26	Revision:0.1		
Date: 2015-07-20	Time: 오후 3:26:27		Sheet 26 of 26	
File: USB_OTG.SchDoc			Designed by: ruppi.kim@hardkernel.com	