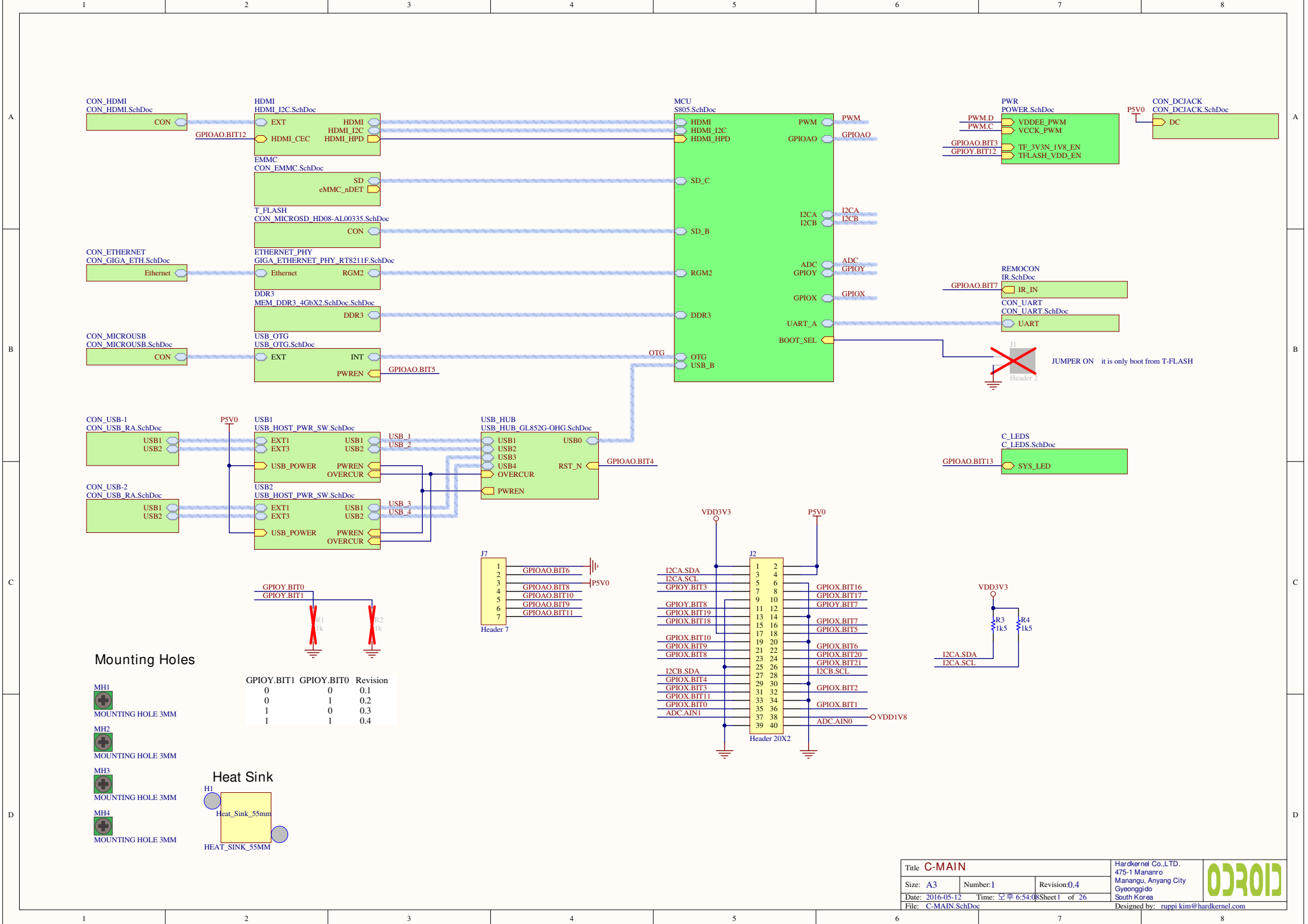




A

B

C

D

A

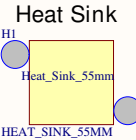
B

C

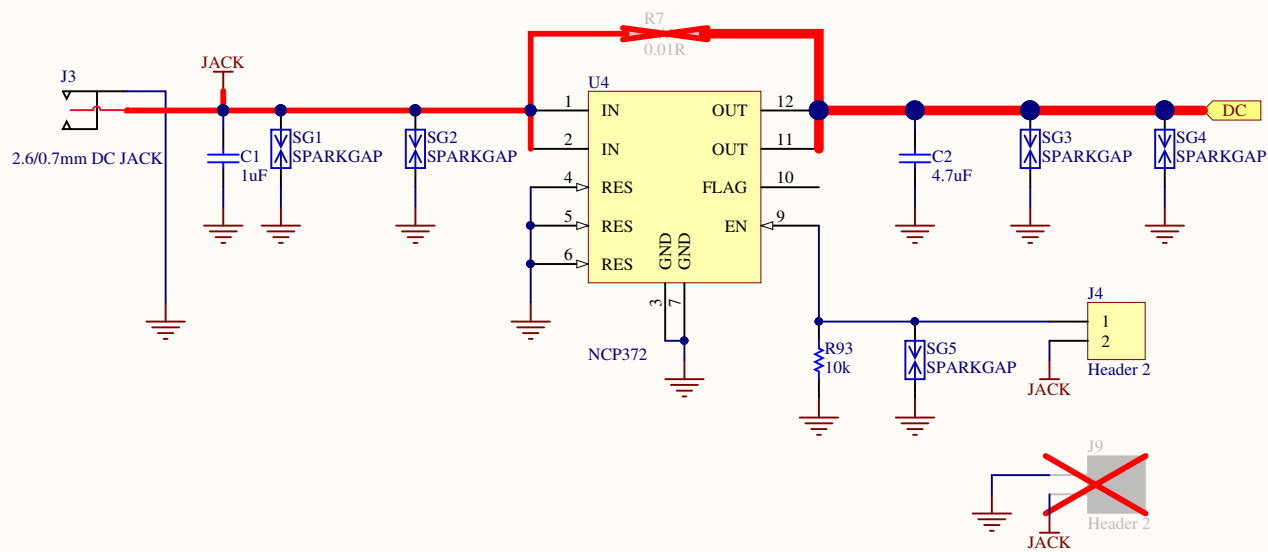
D

Mounting Holes

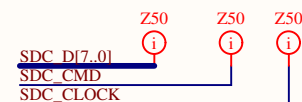
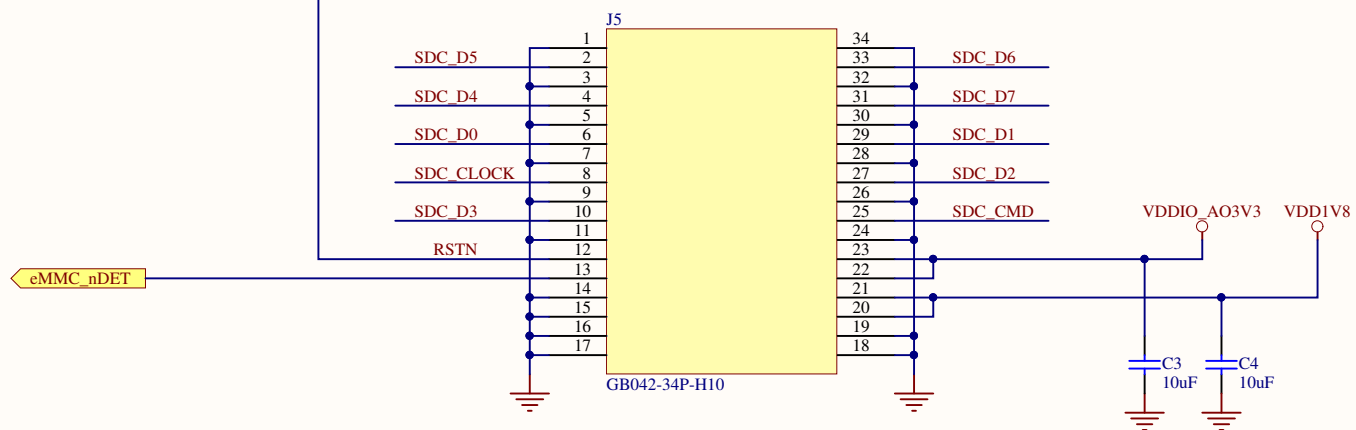
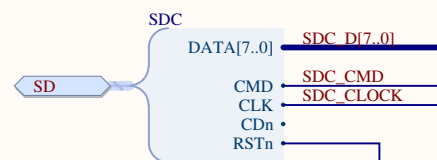
- MH1
MOUNTING HOLE 3MM
- MH2
MOUNTING HOLE 3MM
- MH3
MOUNTING HOLE 3MM
- MH4
MOUNTING HOLE 3MM



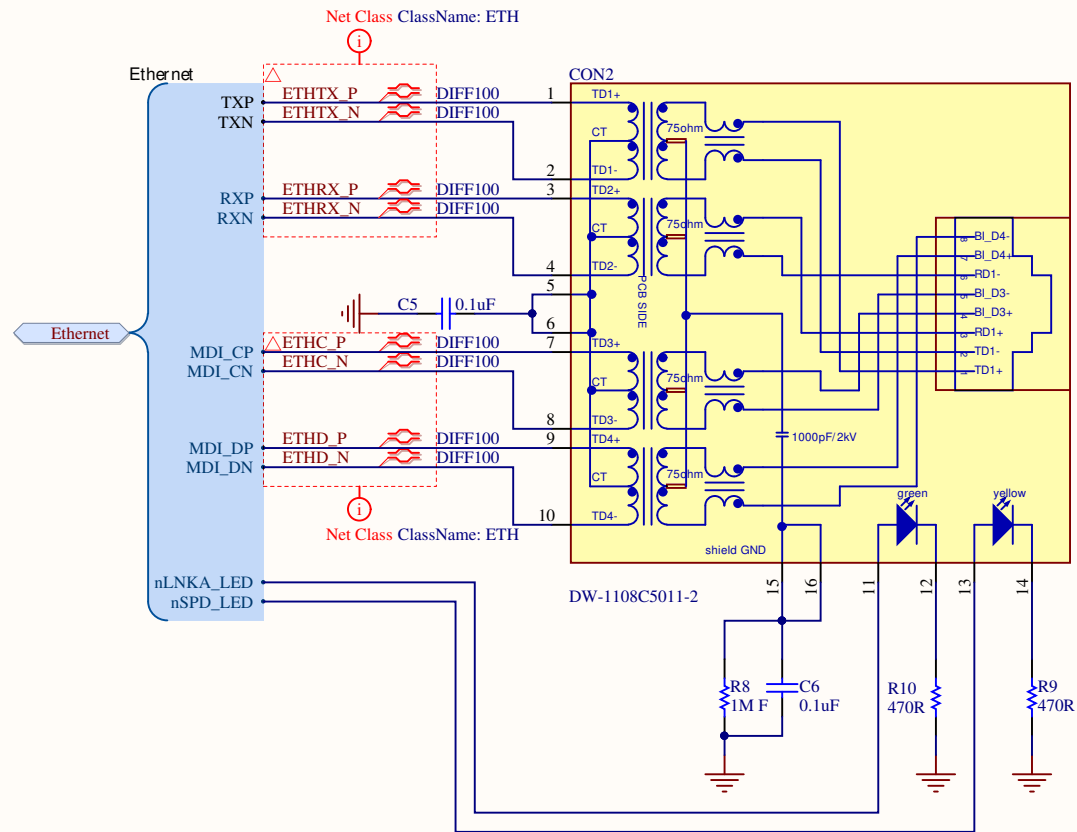
GPIOY.BIT1	GPIOY.BIT0	Revision
0	0	0.1
0	1	0.2
1	0	0.3
1	1	0.4



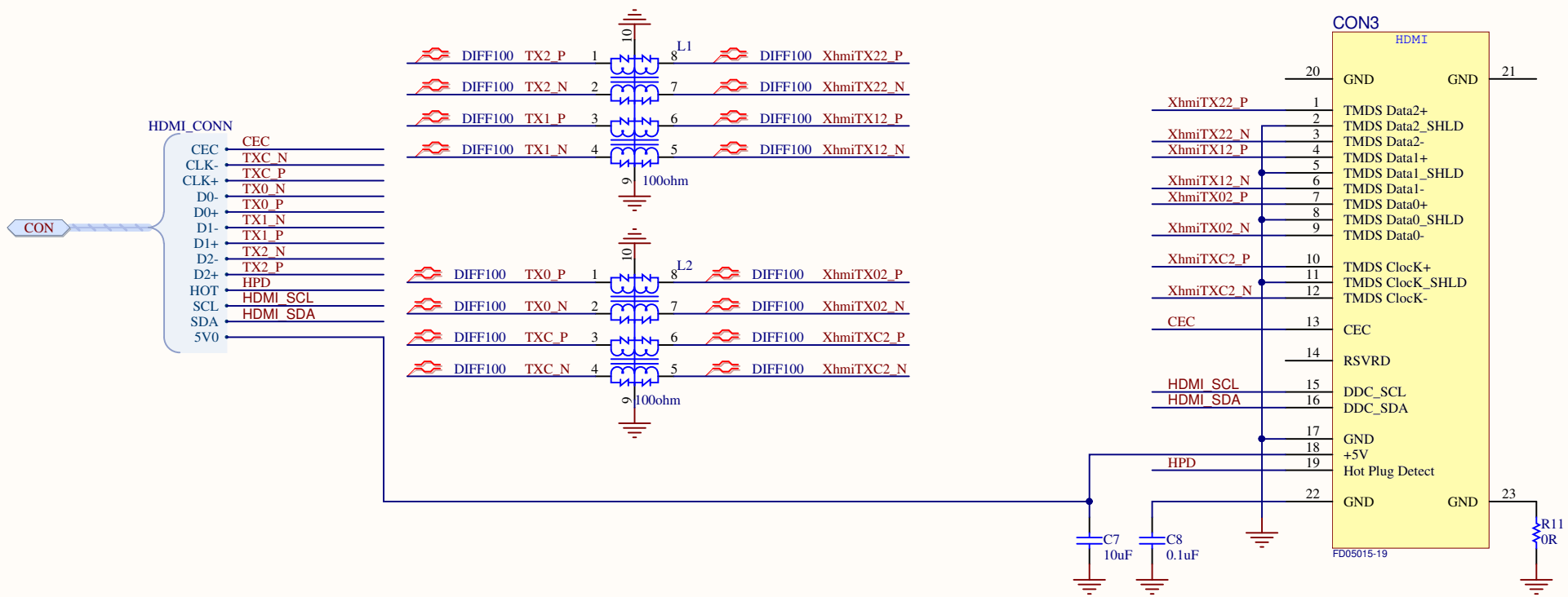
Title DC Jack			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi do South Korea		
Size: A4	Number:2	Revision:0.1			
Date: 2016-05-12	Time: 오후 6:54:08	Sheet 2 of 26			
File: CON_DCJACK.SchDoc			Designed by: ruppi.kim@hardkernel.com		

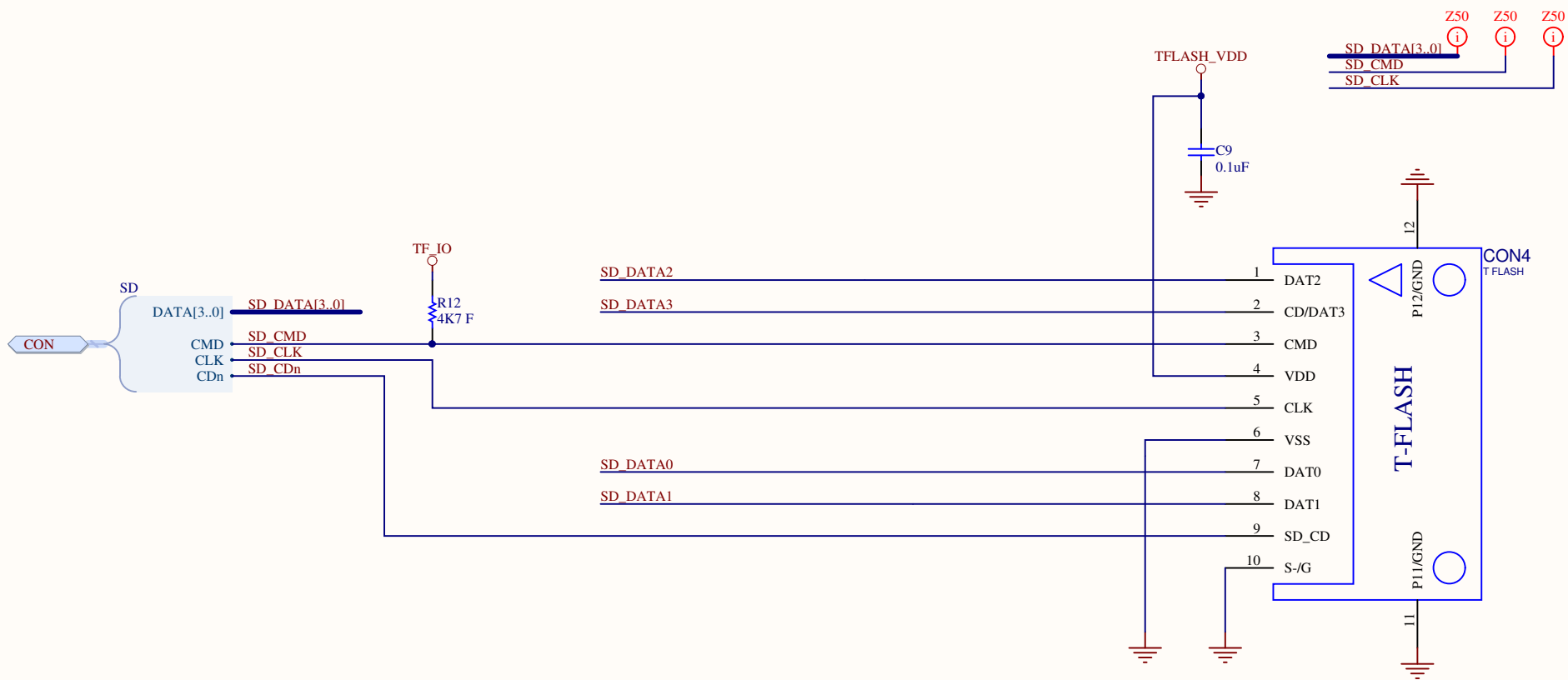


Title CON_eMMC			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi do South Korea	
Size: A4	Number: 3	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:08	Sheet 3 of 26		
File: CON_EMMC.SchDoc				
			Designed by: ruppi.kim@hardkernel.com	

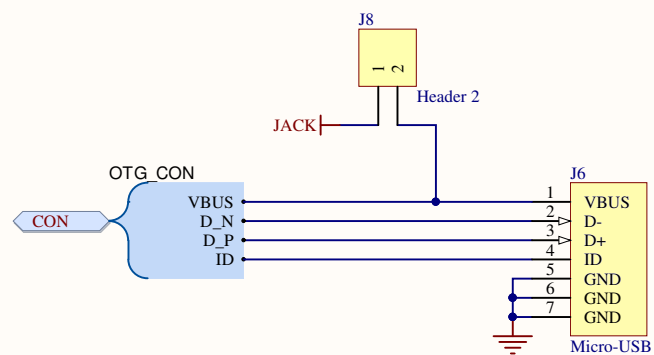


Title Giga Ethernet Connector			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number: 4	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:08	Sheet 4 of 26		
File: CON_GIGA_ETH.SchDoc				

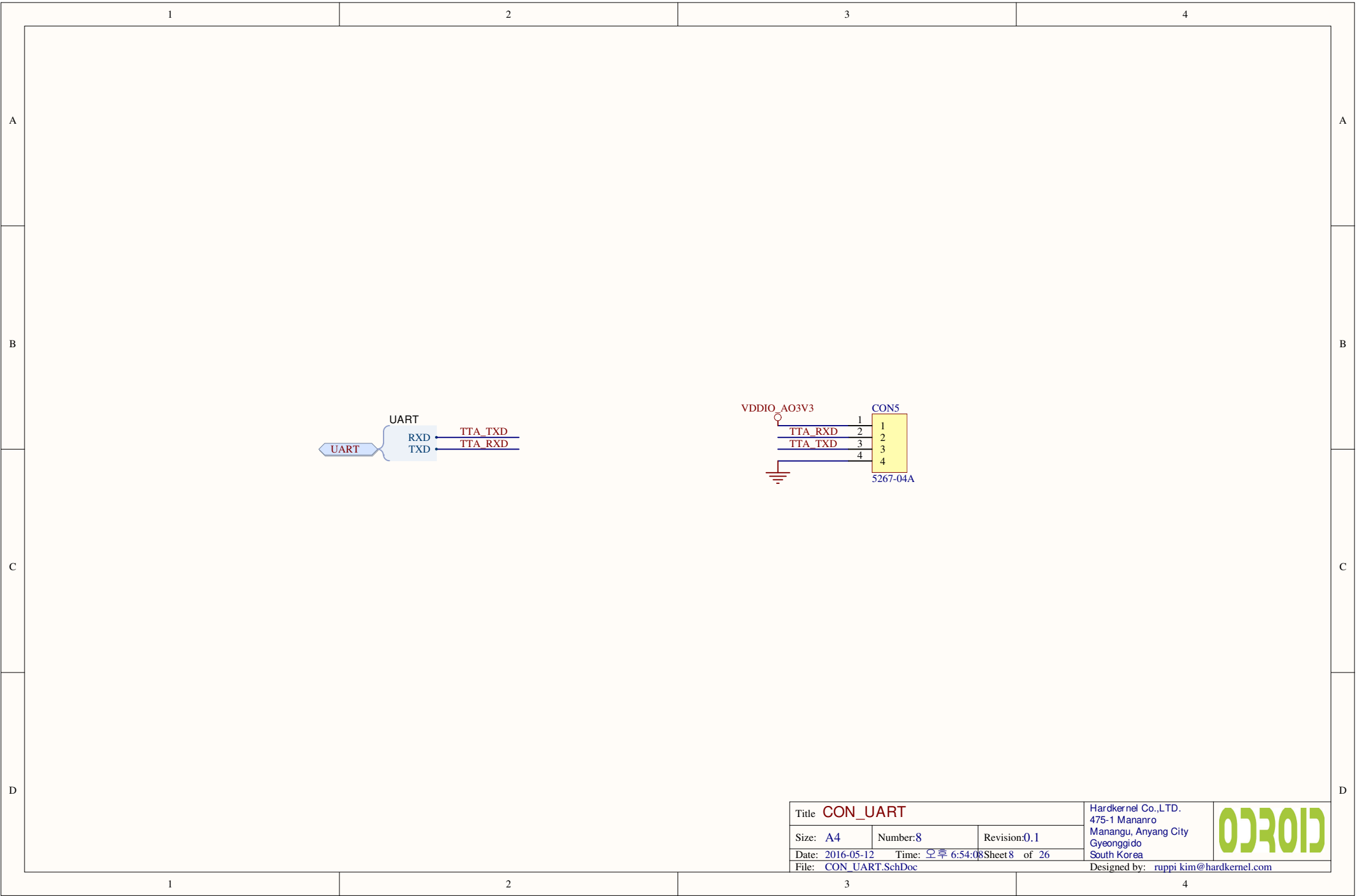


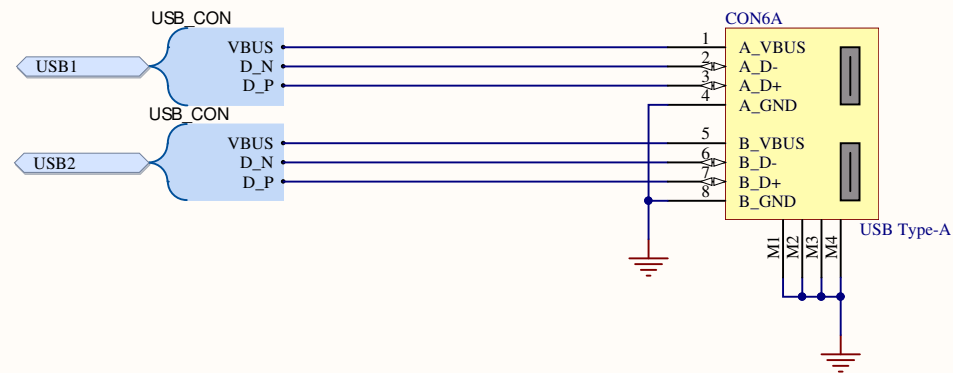


Title Micro SD Socket			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi do South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number: 6	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:08 Sheet 6 of 26			
File: CON_MICROSD_HD08-AL00335.SchDoc				

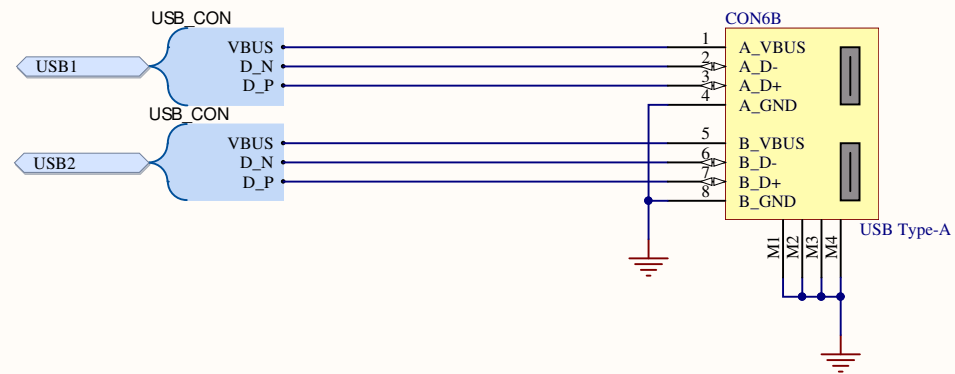


Title Micro USB Connector			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi-do South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number: 7	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:08	Sheet 7 of 26		
File: CON_MICROUSB.SchDoc				

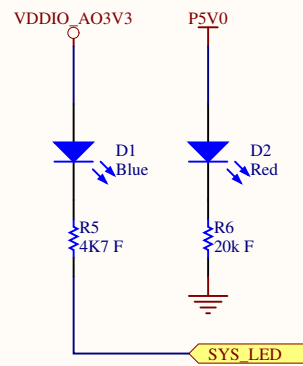




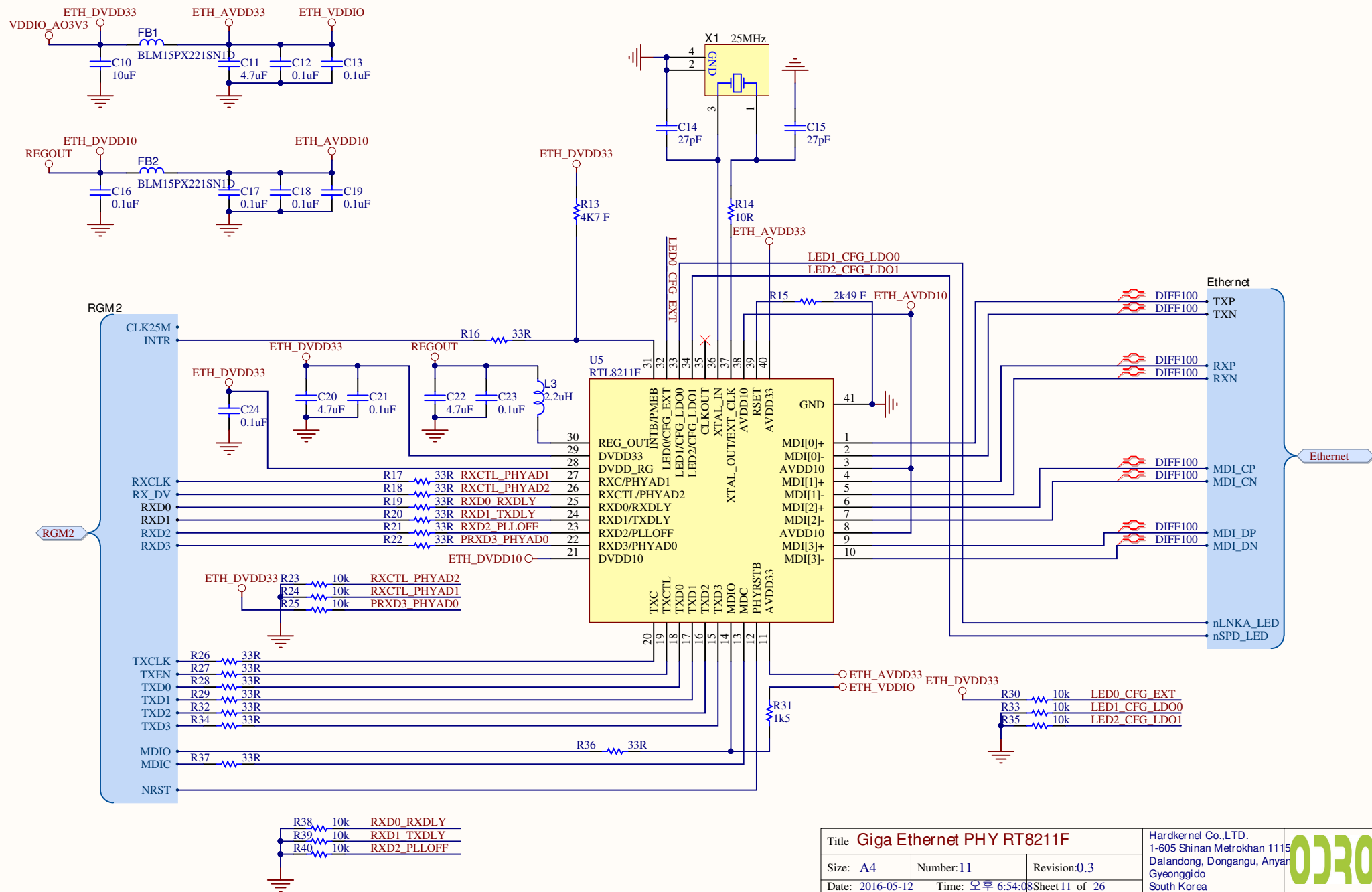
Title USB 2.0 Type A Connector			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi do South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number:9	Revision:0.1		
Date: 2016-05-12	Time: 오후 6:54:08	Sheet9 of 26		
File: CON_USB_RA.SchDoc				



Title USB 2.0 Type A Connector			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi do South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number:9	Revision:0.1		
Date: 2016-05-12	Time: 오후 6:54:08	Sheet9 of 26		
File: CON_USB_RA.SchDoc				



Title LEDs			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi-do South Korea	
Size: A4	Number: 10	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:08	Sheet 10 of 26		
File: C_LEDS.SchDoc				
			Designed by: ruppi.kim@hardkernel.com	



Title **Giga Ethernet PHY RT8211F**

Size: **A4**

Number: **11**

Revision: **0.3**

Date: **2016-05-12**

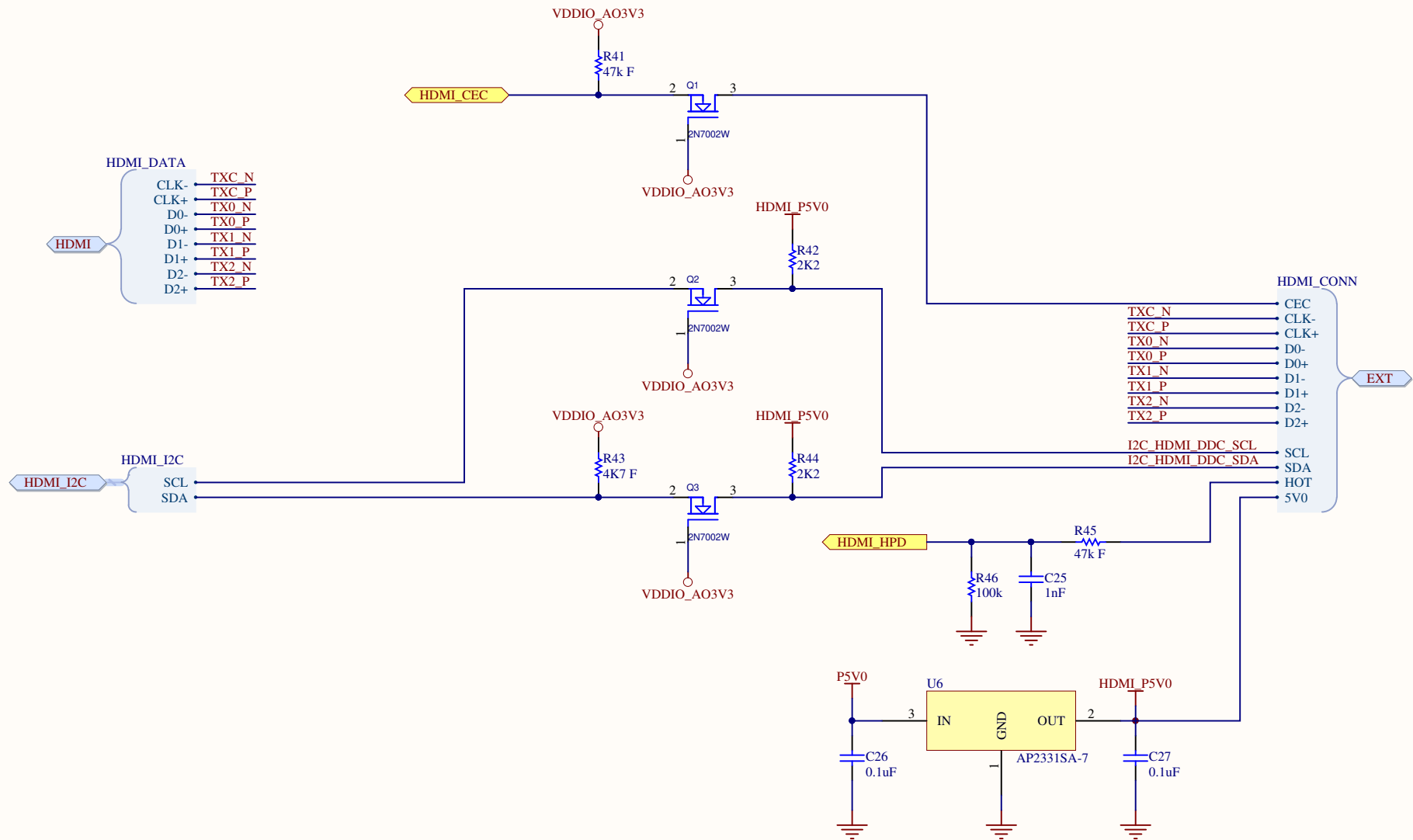
Time: **오후 6:54:08** Sheet **11** of **26**

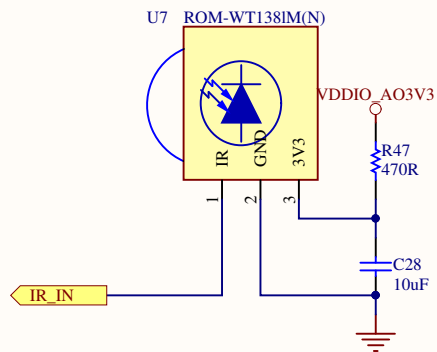
File: **GIGA_ETHERNET_PHY_RT8211F.SchDoc**

Hardkernel Co.,LTD.
1-605 Shinan Metrokhan 1115
Dalandong, Dongangu, Anyang
Gyeonggi-do
South Korea

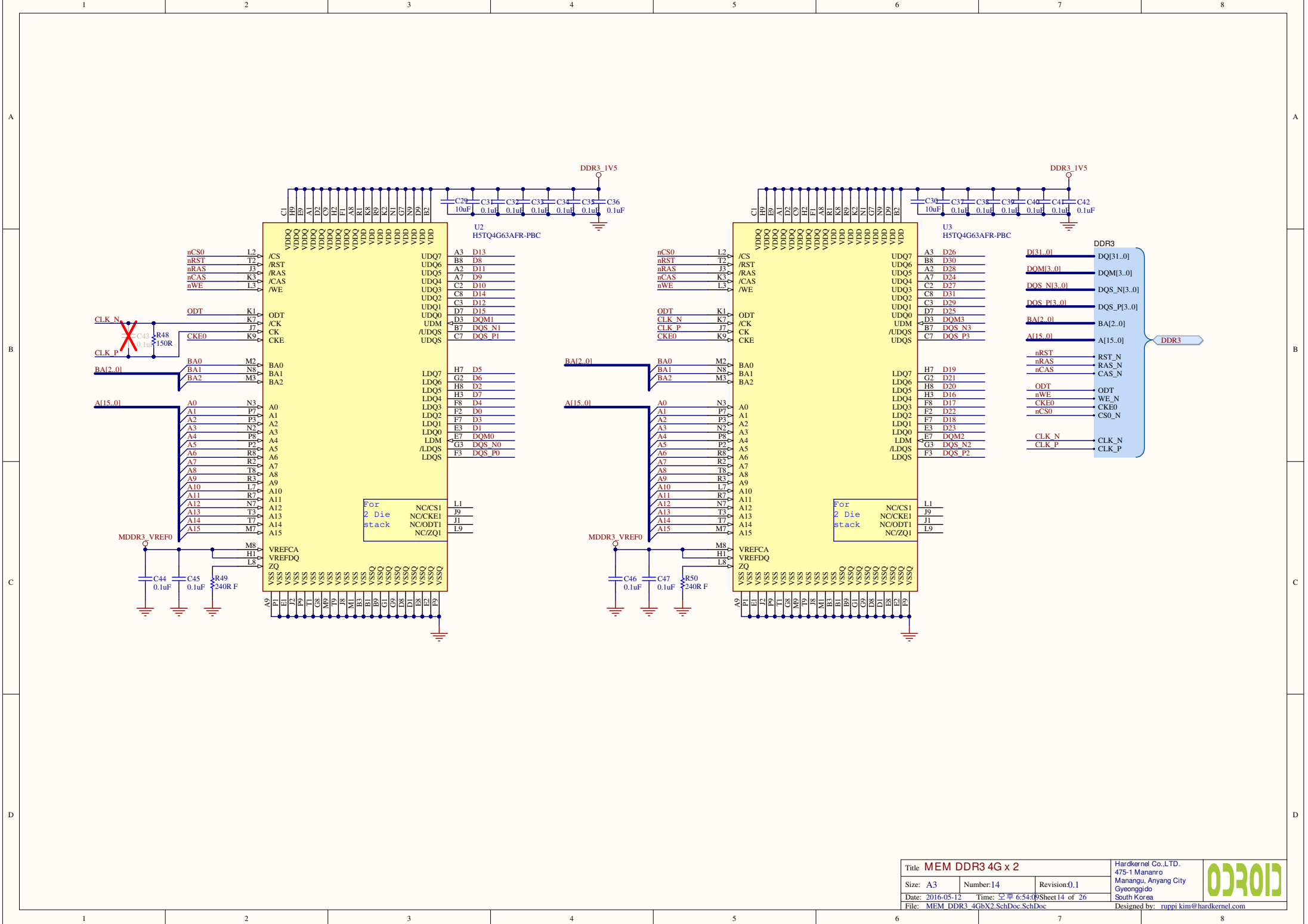
Designed by: **ruppi.kim@hardkernel.com**

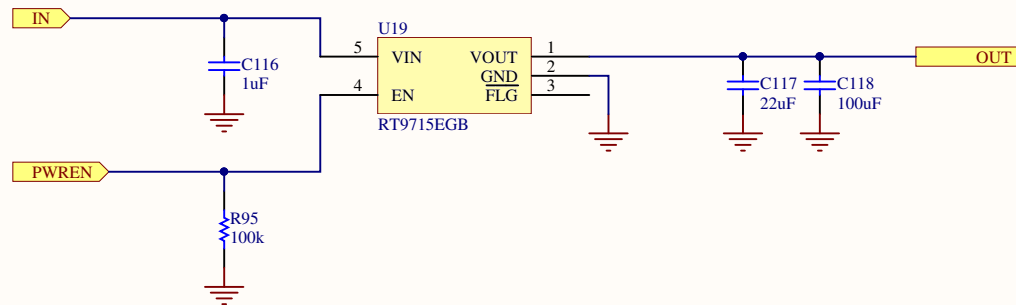
039010



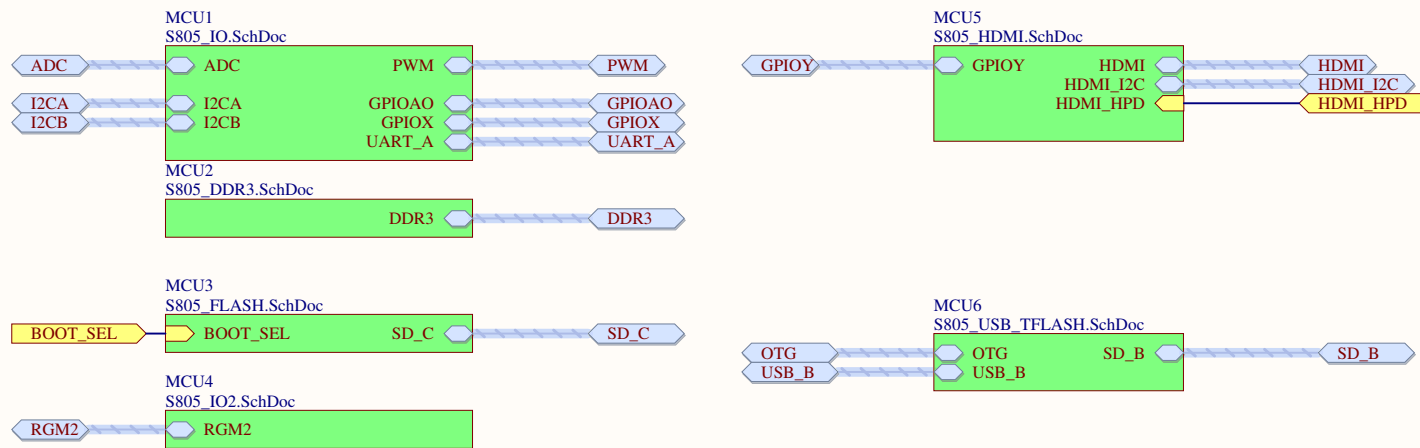


Title Remote Control Receiver			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi-do South Korea	
Size: A4	Number: 13	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:09	Sheet 13 of 26		
File: IR.SchDoc				
Designed by: ruppi.kim@hardkernel.com				



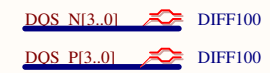
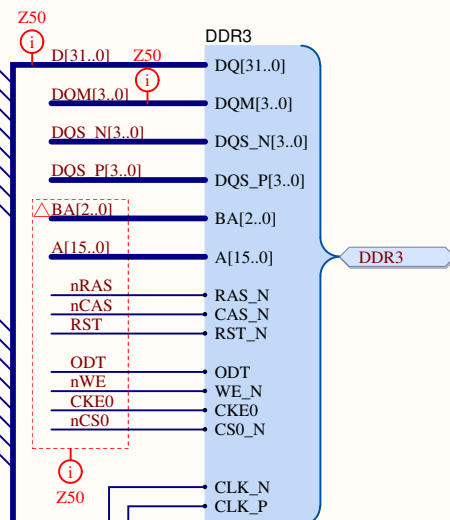
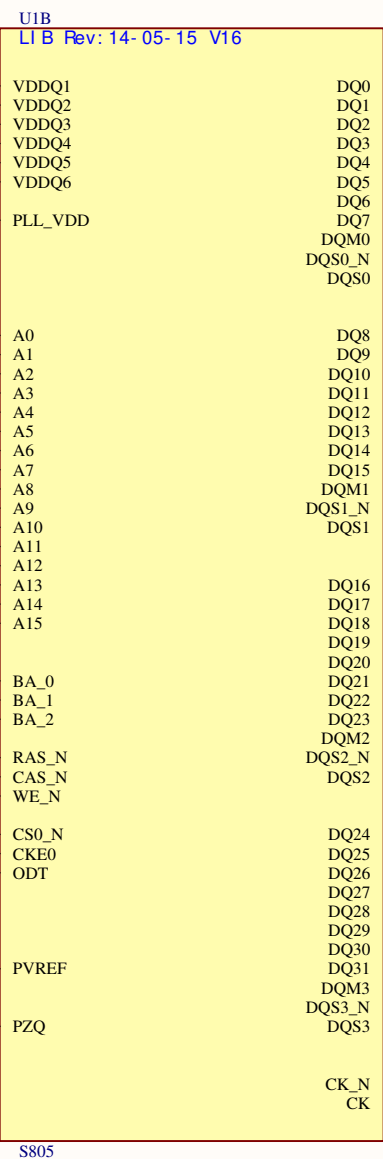
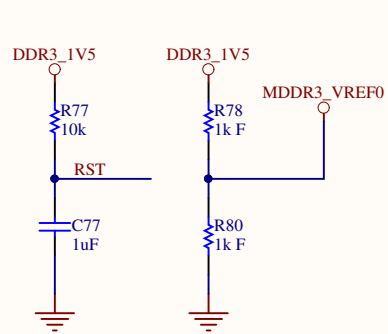
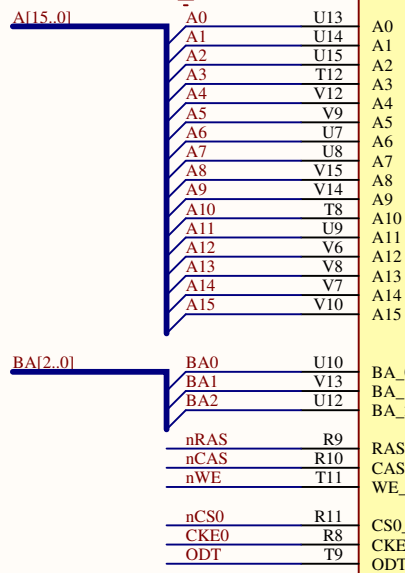
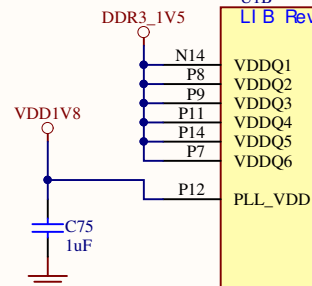
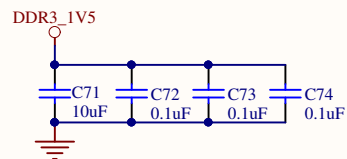


Title USB HOST Power Switch			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number: 16	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:09	Sheet 16 of 26		
File: RT9715EGB.SchDoc				



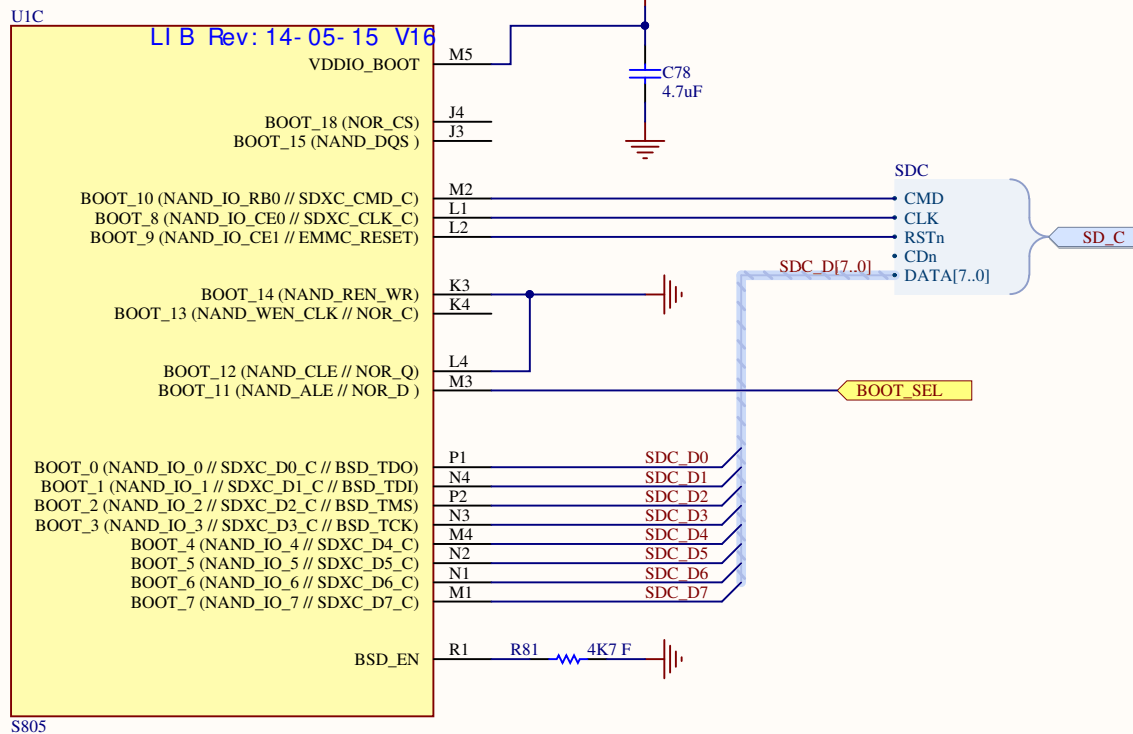
Title S805			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi do South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number: 17	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:09	Sheet 17 of 26		
File: S805.SchDoc				





Title S805 DDR3			R&D PART 704 Anyang K-center 1591-9 Burim Dongan Gu Gyeonggi-do South Korea Designed by: ruppi.kim@hardkernel.com 안드로이드
Size: A4	Number: 18	Revision: 0.3	
Date: 2016-05-12	Time: 오후 6:54:09	Sheet 18 of 26	
File: S805_DDR3.SchDoc			





Title S805 FLASH			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number: 19	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:09	Sheet 19 of 26		
File: S805_FLASH.SchDoc				



UIF

LI B Rev: 14-05-15 V16

GPIOH_0 (HDMI_HPD // SPI_SS1)
GPIOH_1 (HDMI_SDA // SPI_SS2)
GPIOH_2 (HDMI_SCL)

HDMI_AVDD18

HDMI_REXT
HDMI_AVSS18

HDMITX_TTL_CKN
HDMITX_TTL_CKP
HDMITX_TTL_ON
HDMITX_TTL_OP
HDMITX_TTL_1N
HDMITX_TTL_1P
HDMITX_TTL_2N
HDMITX_TTL_2P

VDDIO_Y

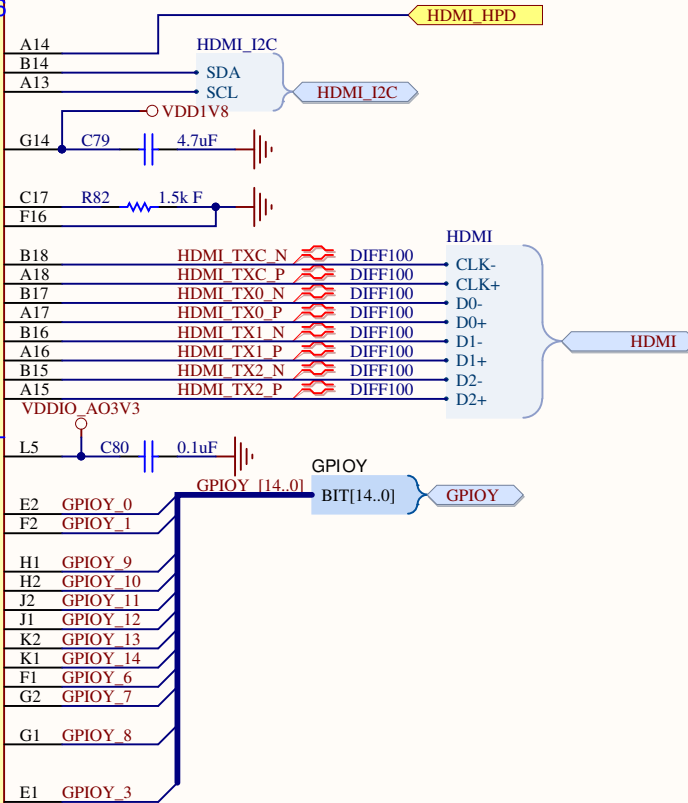
GPIOY_0 (TSIN_D_VALID_A // DVP_HS)
GPIOY_1 (TSIN_SOP_A // DVP_VS)

GPIOY_9 (TSIN_D0_A // DVP_D0)
GPIOY_10 (TSIN_D1_A // DVP_D1)
GPIOY_11 (TSIN_D2_A // DVP_D2)
GPIOY_12 (TSIN_D3_A // DVP_D3)
GPIOY_13 (TSIN_D4_A // DVP_D4 // ISO7816_CLK)
GPIOY_14 (TSIN_D5_A // DVP_D5 // ISO7816_DATA)
GPIOY_6 (TSIN_D6_A // DVP_D6)
GPIOY_7 (TSIN_D7_A // DVP_D7)

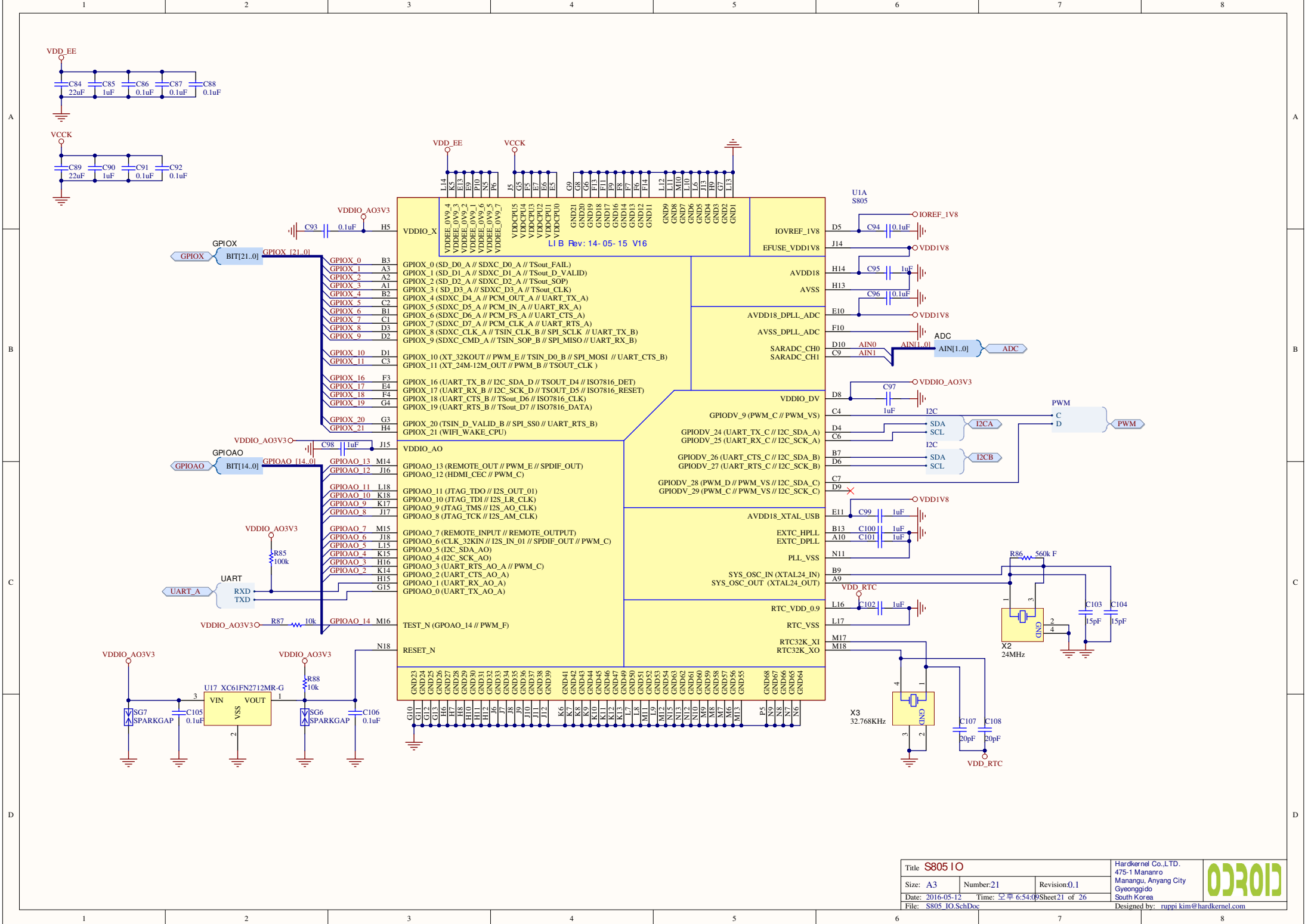
GPIOY_8 (TSIN_CLK_A // DVP_CLK)

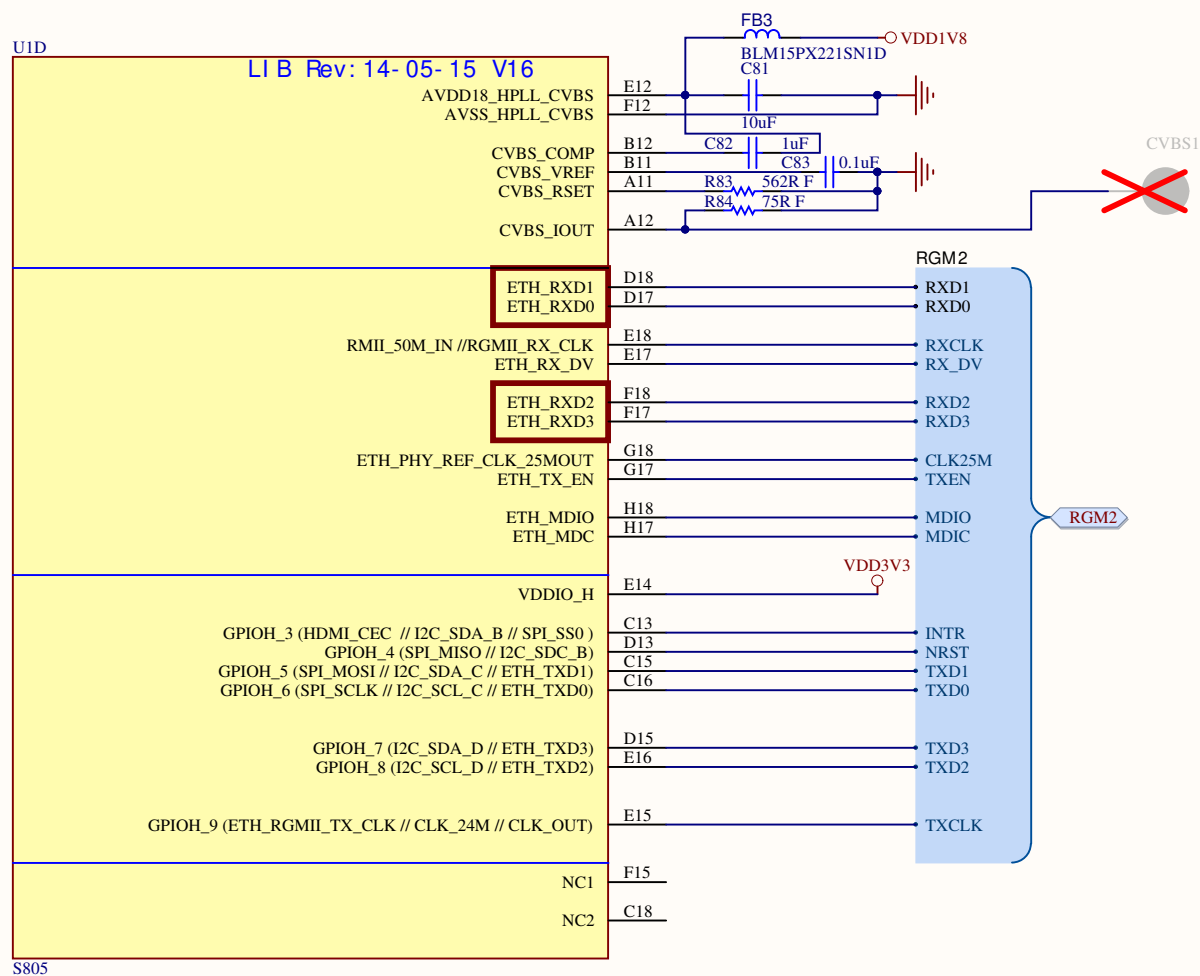
GPIOY_3 (UART_RTS_C // SPDIF_OUT // CLK_OUT)

S805

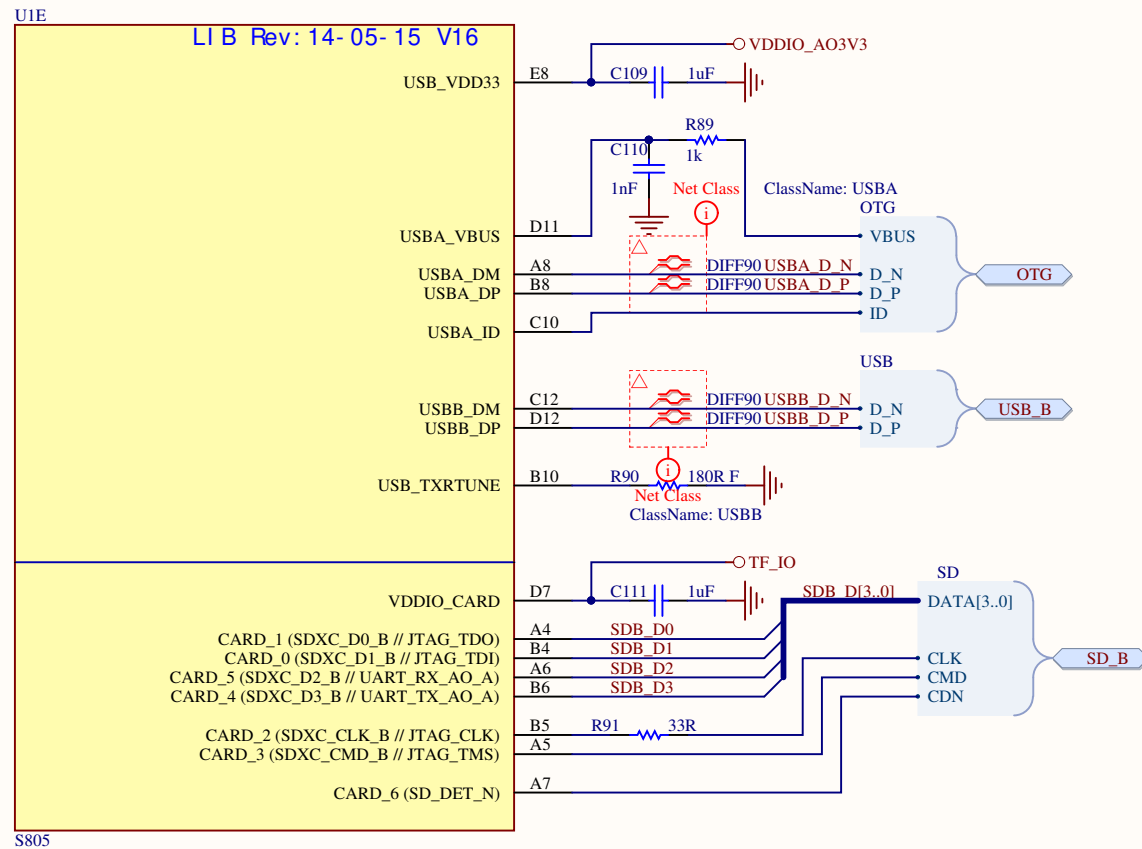


Title S805 HDMI			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi do South Korea	
Size: A4	Number:20	Revision:0.1		
Date: 2016-05-12	Time: 오후 6:54:09	Sheet 20 of 26		
File: S805_HDMI.SchDoc				
			Designed by: ruppi.kim@hardkernel.com	



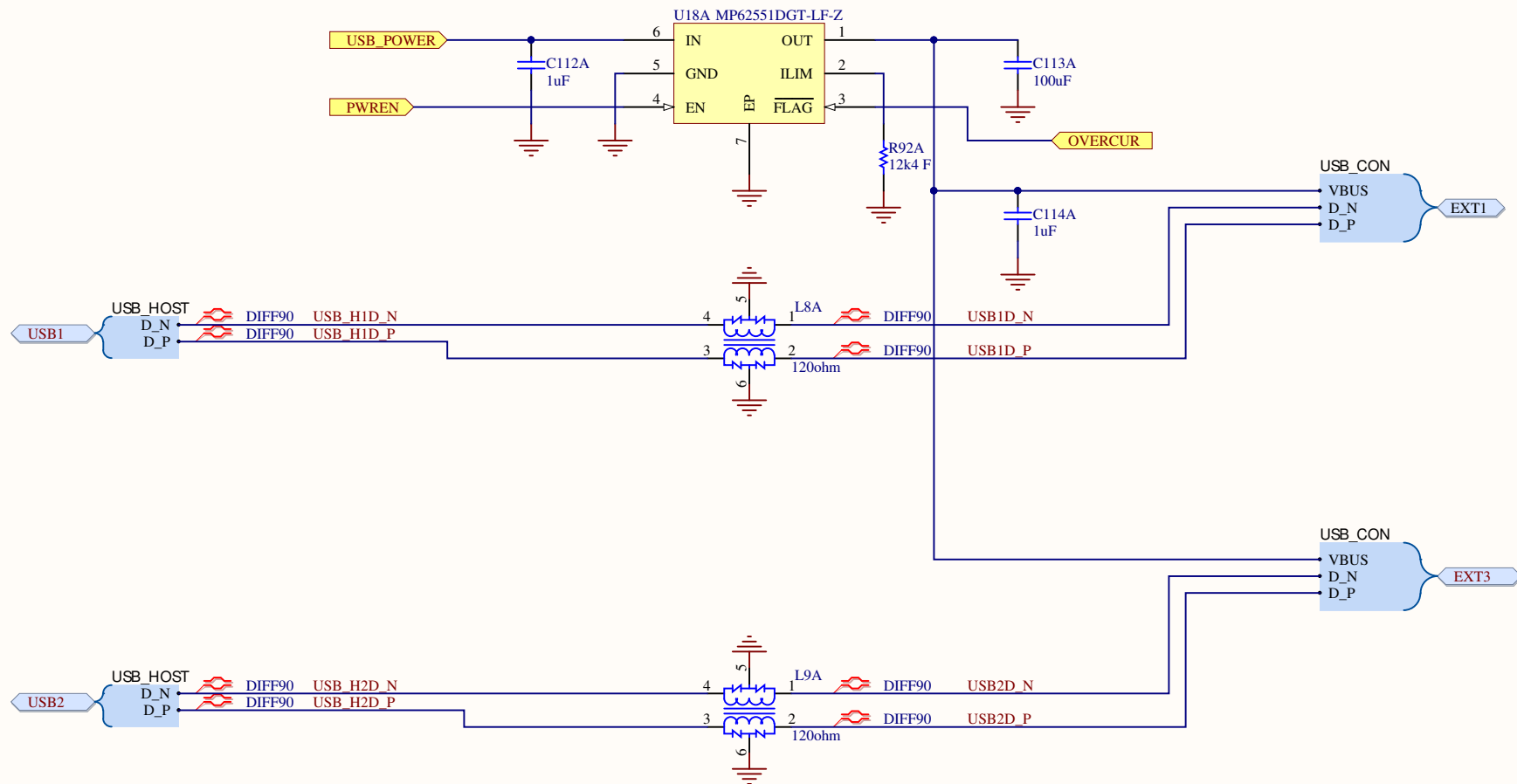


Title S805 IO2			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi do South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number: 22	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:10	Sheet 22 of 26		
File: S805_IO2.SchDoc				

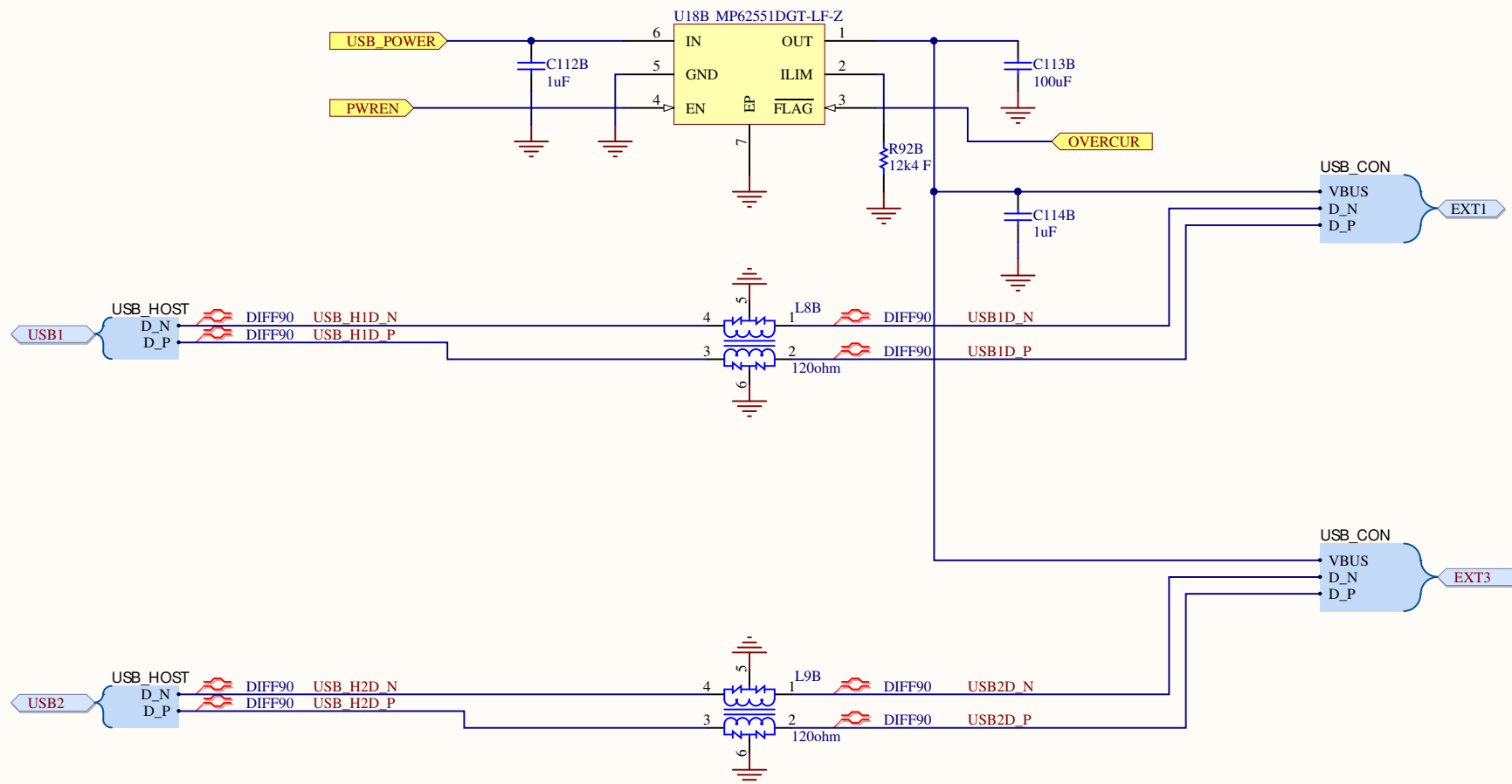


Title S805 USB2 SDB			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi do South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number: 23	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:10	Sheet 23 of 26		
File: S805_USB_TFLASH.SchDoc				

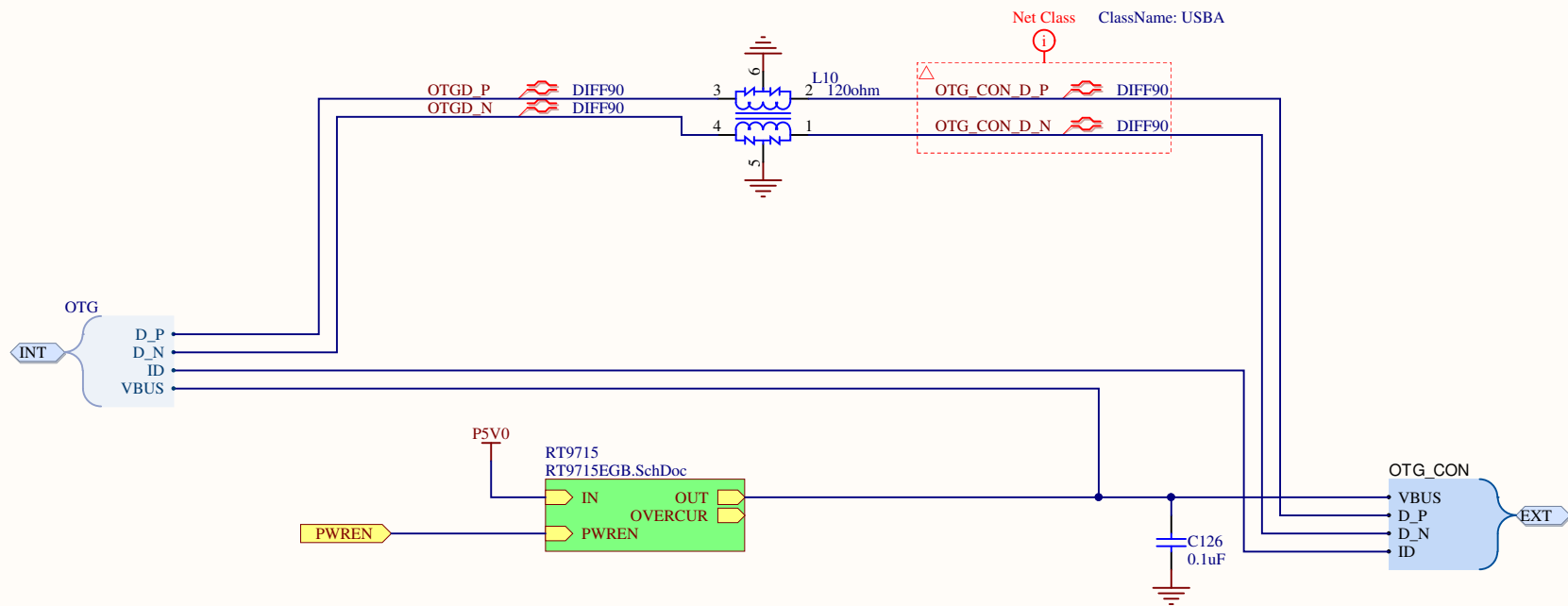




Title USB HOST POWER			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi-do South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number: 24	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:10	Sheet 24 of 26		
File: USB_HOST_PWR_SW.SchDoc				



Title USB HOST POWER			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi-do South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number:24	Revision:0.1		
Date: 2016-05-12	Time: 오후 6:54:10	Sheet 24 of 26		
File: USB_HOST_PWR_SW.SchDoc				



Title USB OTG			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggi do South Korea Designed by: ruppi.kim@hardkernel.com	
Size: A4	Number: 26	Revision: 0.1		
Date: 2016-05-12	Time: 오후 6:54:10	Sheet 26 of 26		
File: USB_OTG.SchDoc				

