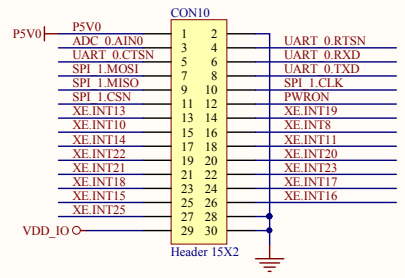
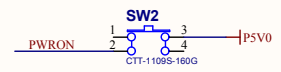
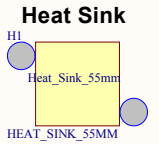
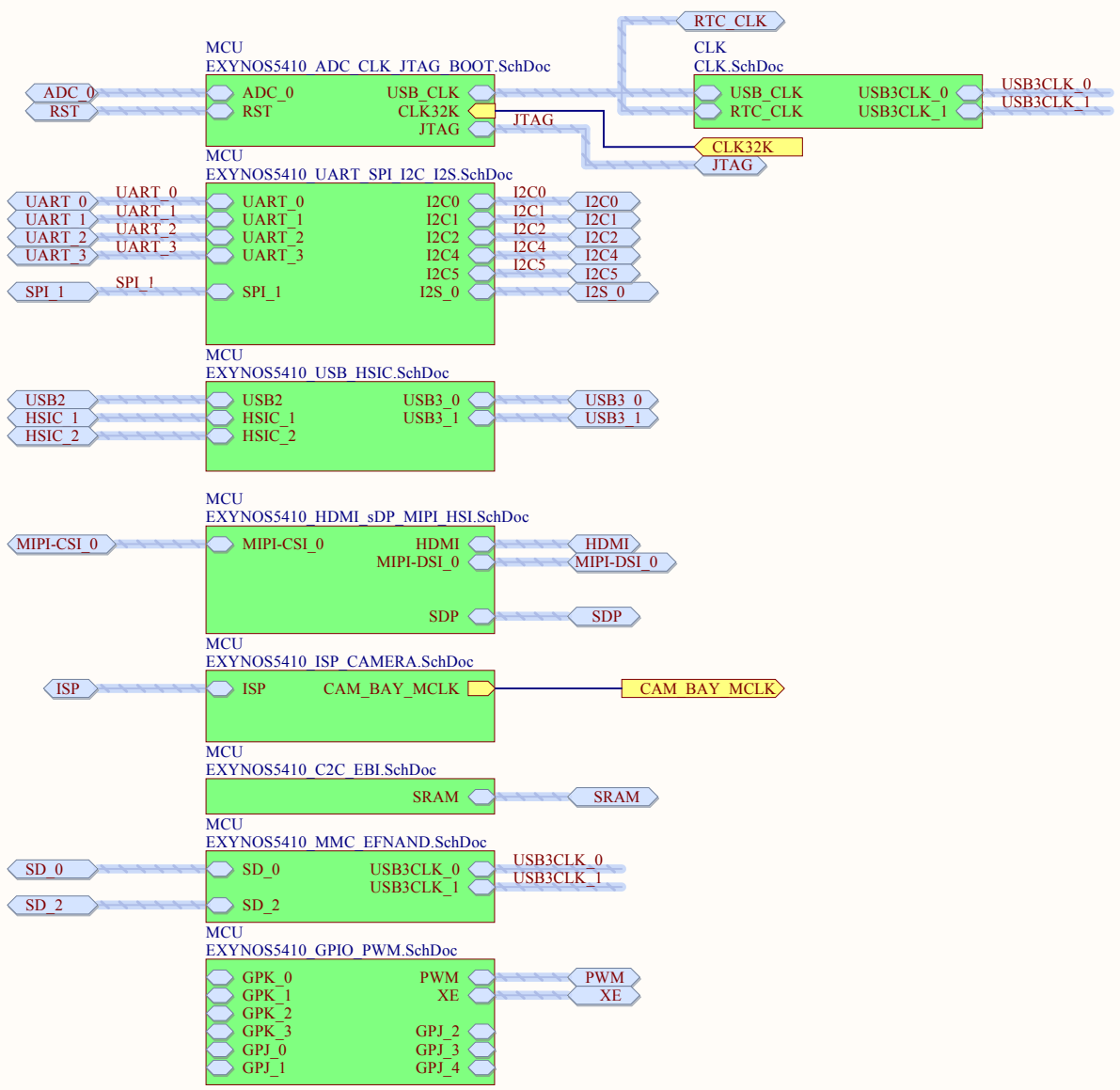


Mounting Holes

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




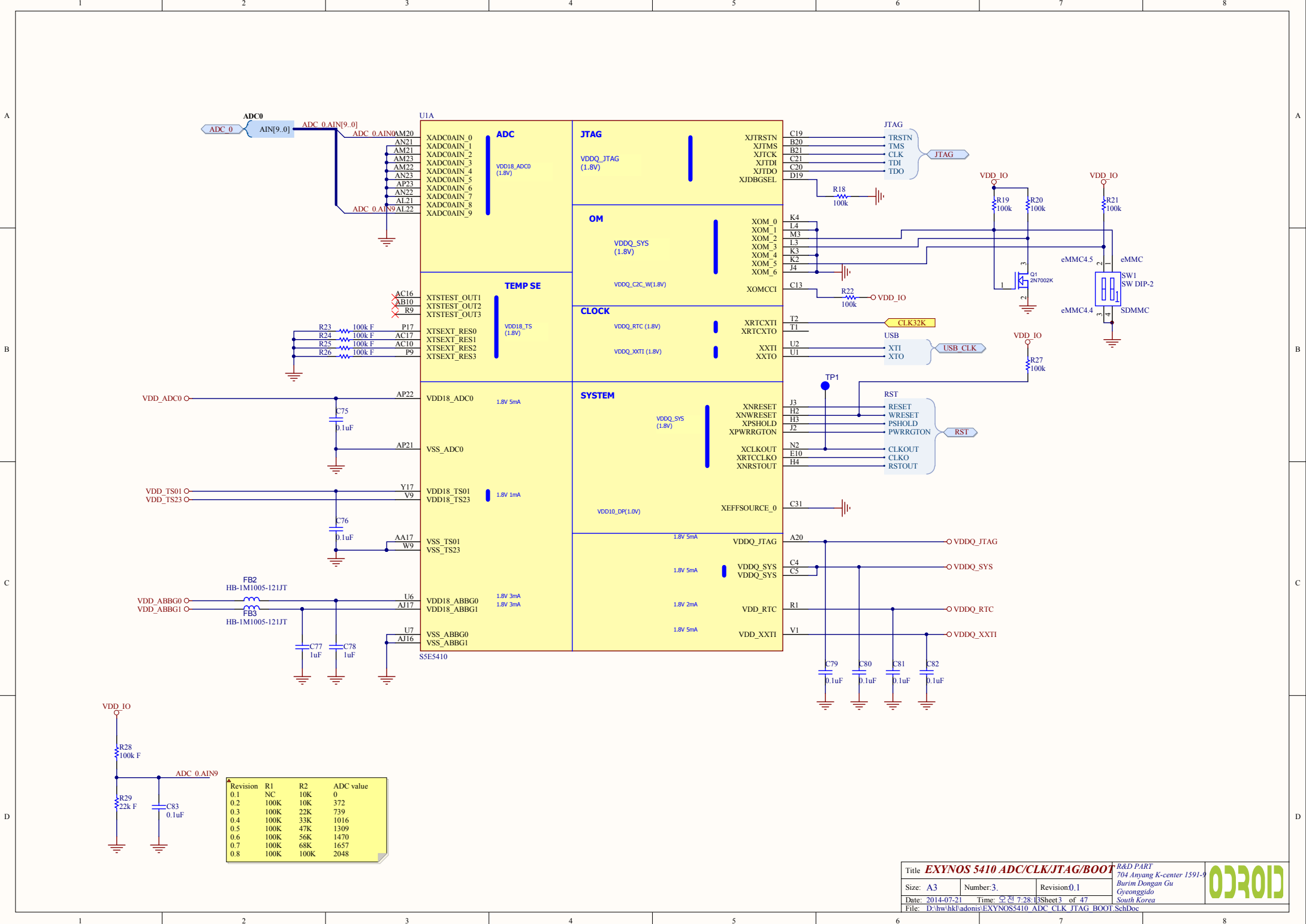


MCU
EXYNOS5410 VDD_ARM_G3D_KFC.SchDoc
[Redacted]

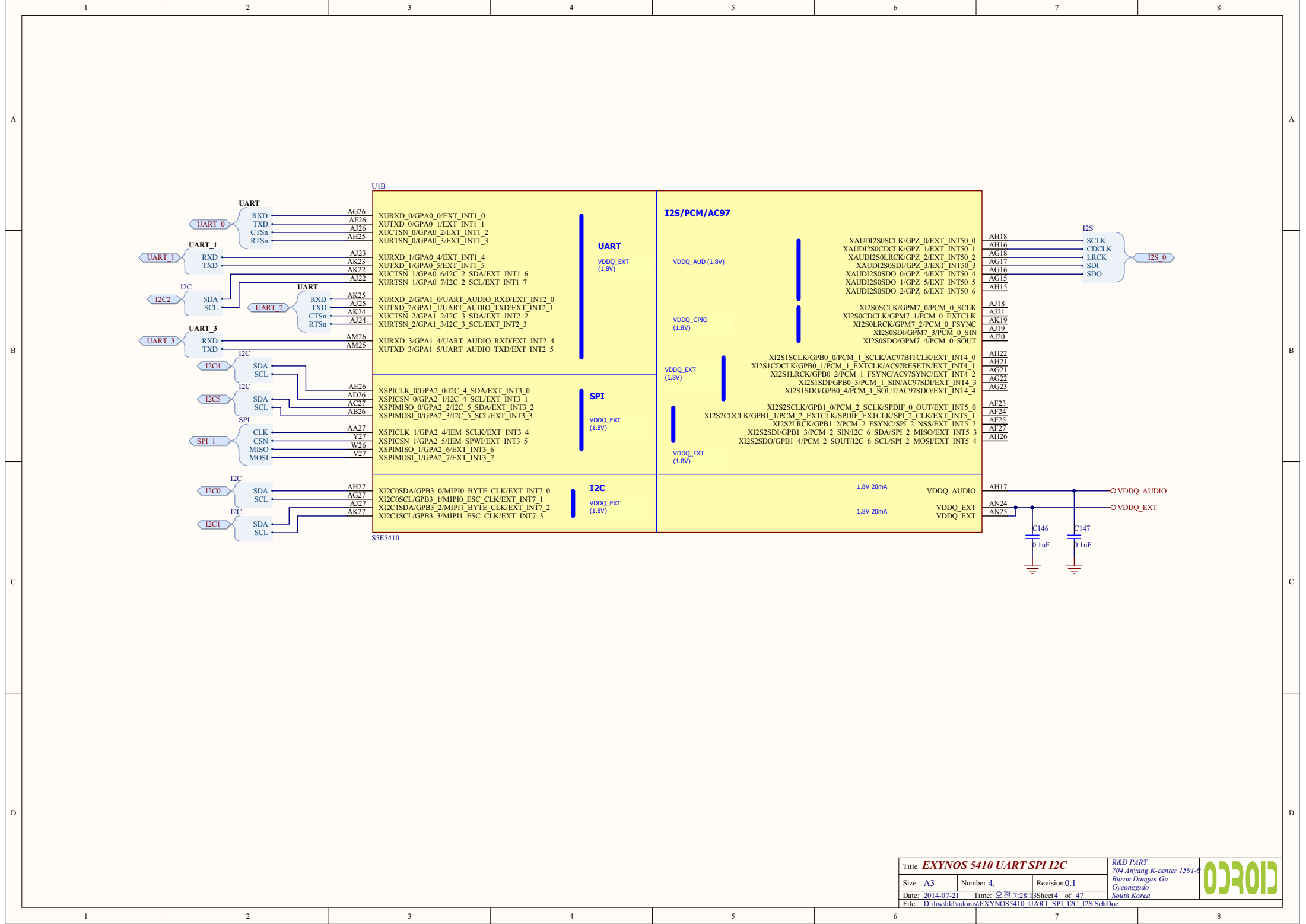
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[Redacted]

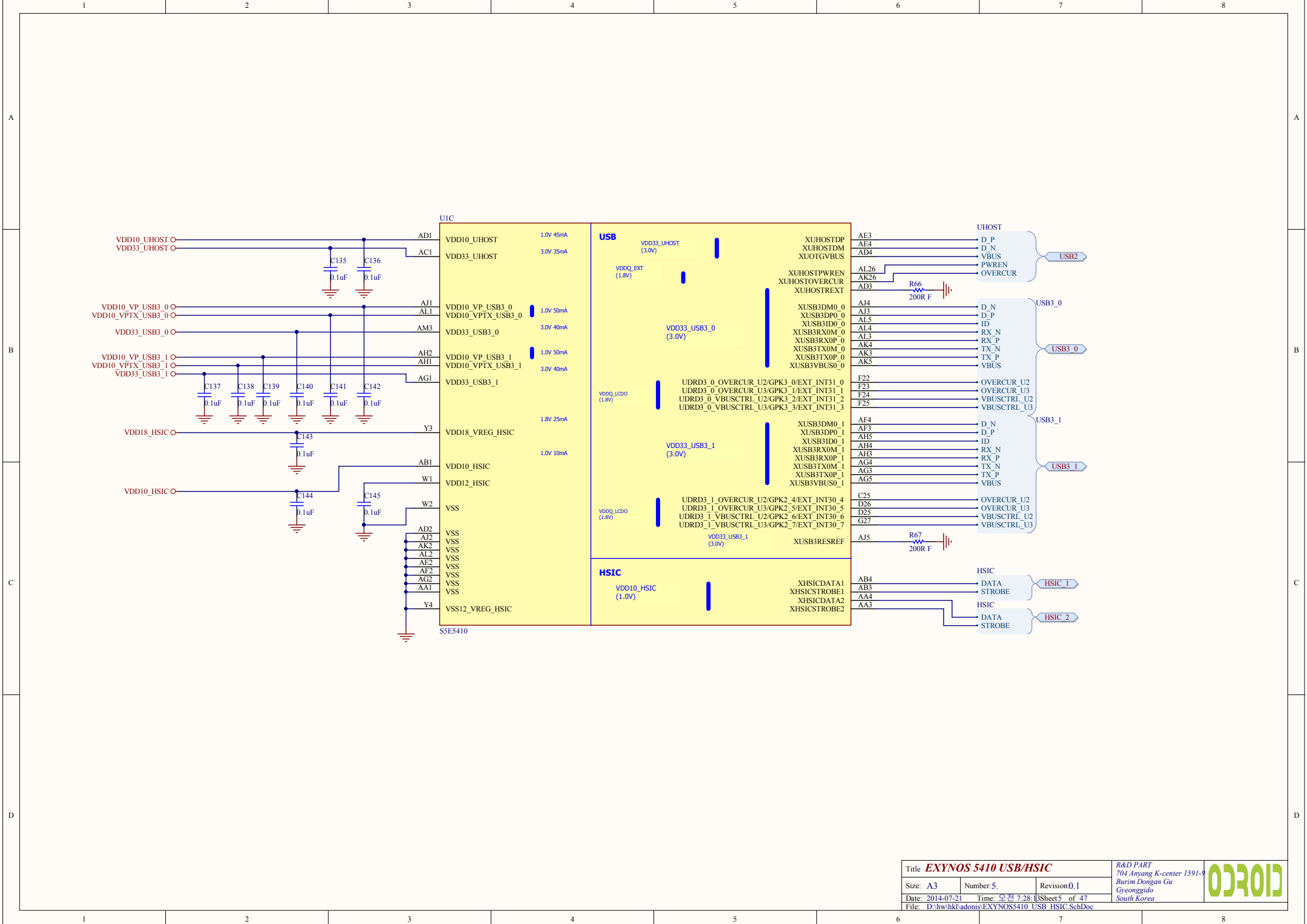
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EXYNOS5410 VSS.SchDoc
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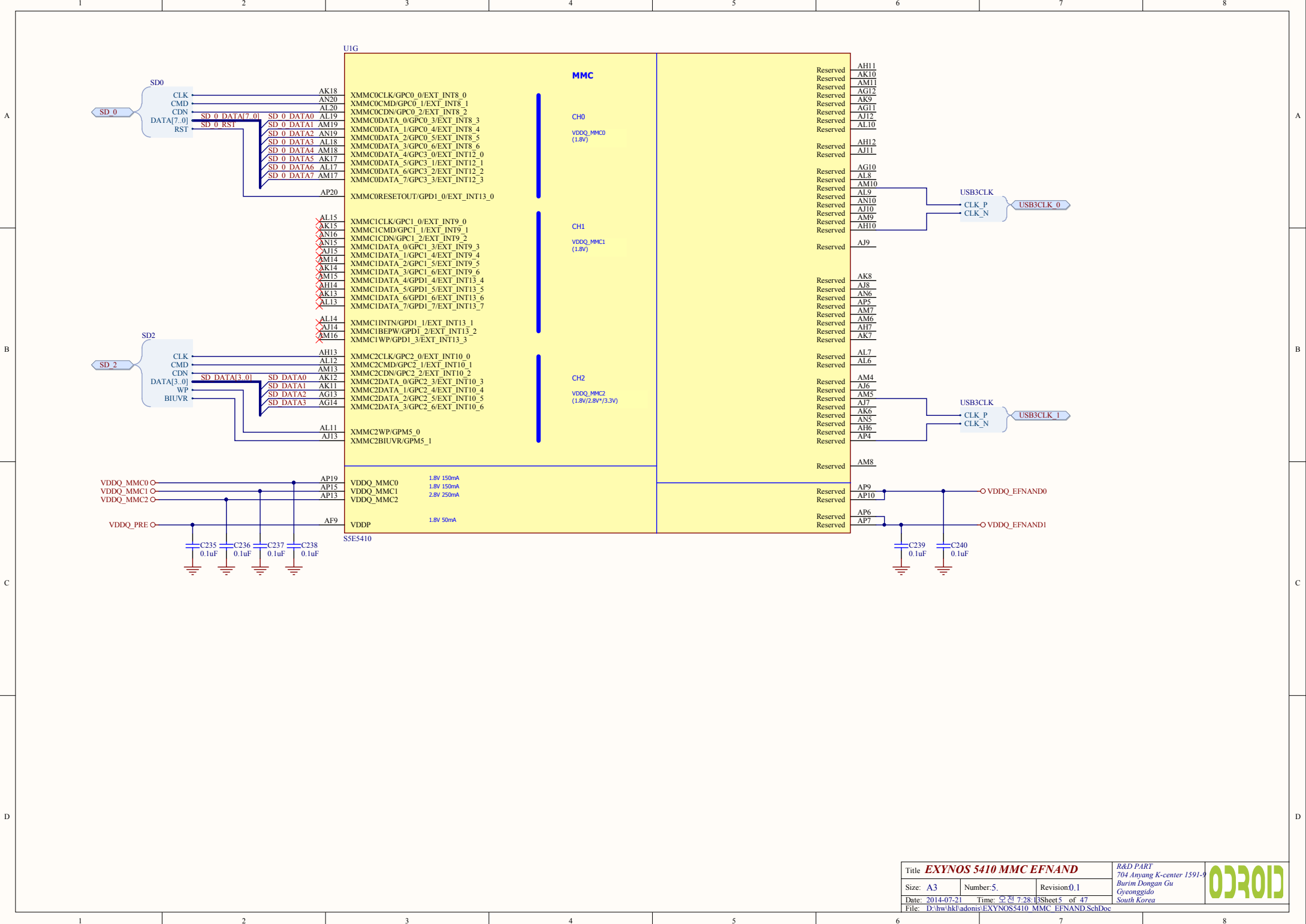
Title MCU EXYNOS 5412			R&D PART 704 Anyang K-center 1591-9 Burim Dongan Gu Gyeonggido South Korea	
Size: A4	Number: 2.	Revision: 0.1		
Date: 2014-07-21	Time: 오전 7:28	Sheet 2 of 47		
File: D:\hw\hkl\adonis\MCU_EXYNOS5410.SchDoc				

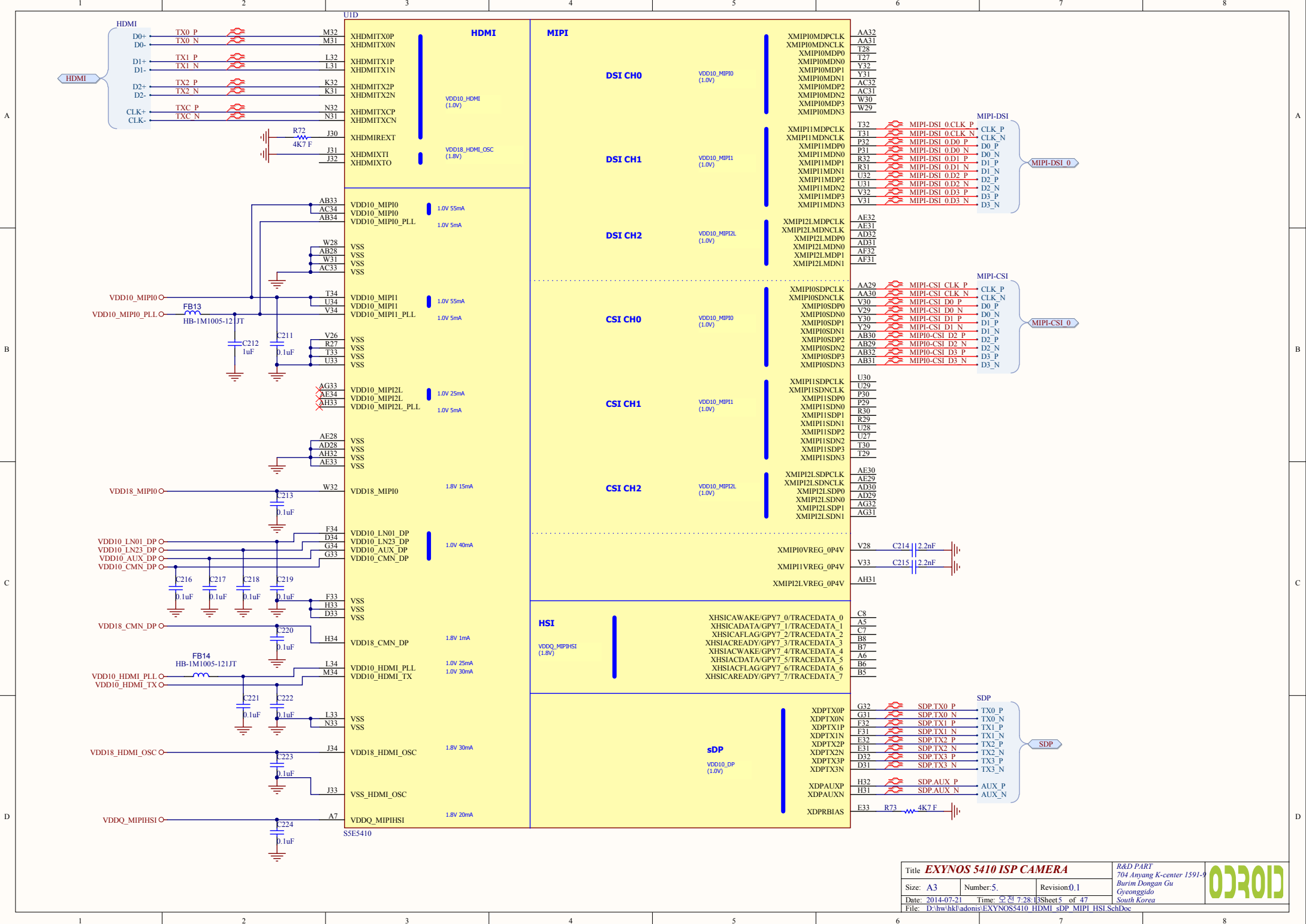


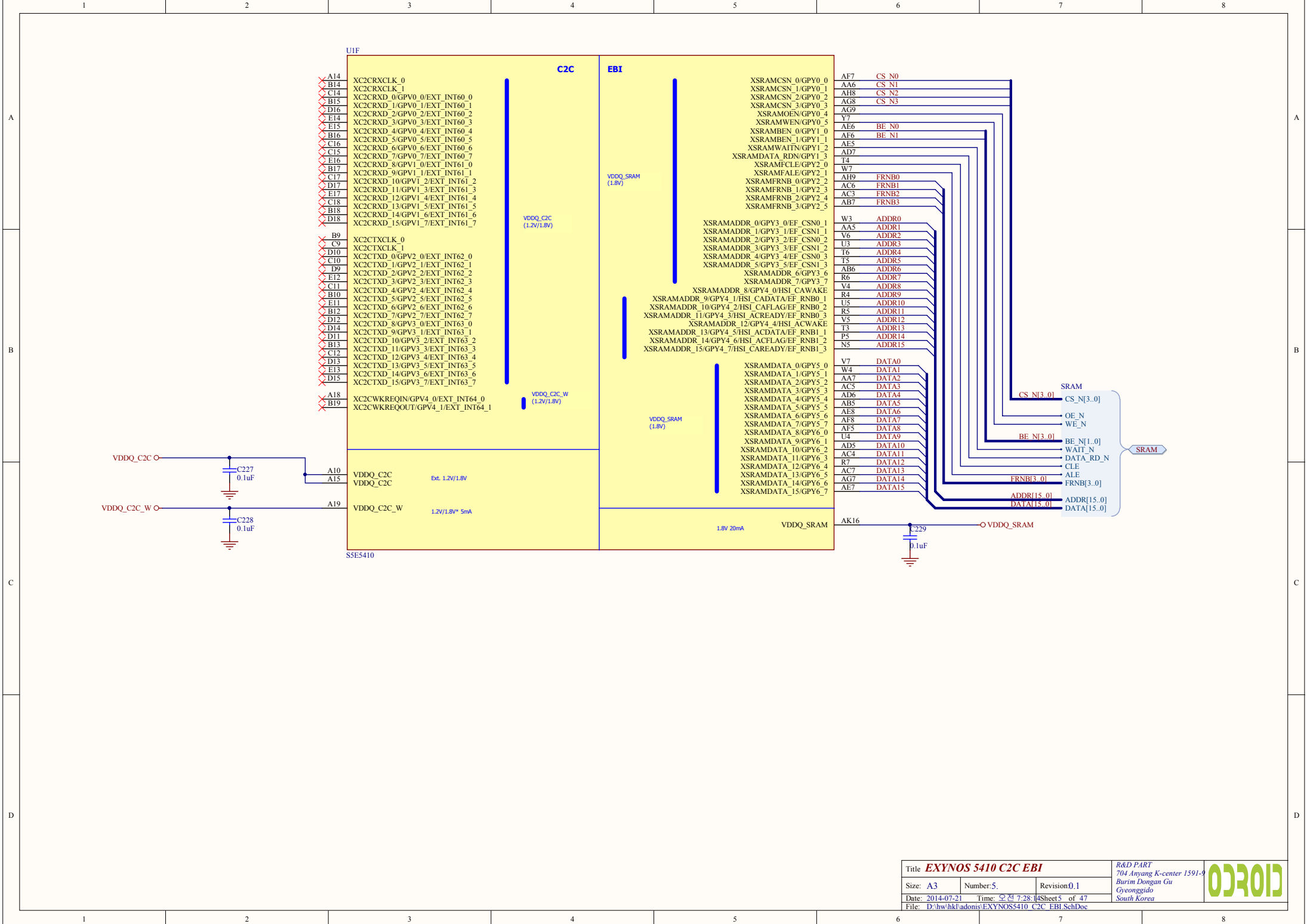
Revision	R1	R2	ADC value
0.1	NC	10K	0
0.2	100K	10K	372
0.3	100K	22K	739
0.4	100K	33K	1016
0.5	100K	47K	1309
0.6	100K	56K	1470
0.7	100K	68K	1657
0.8	100K	100K	2048

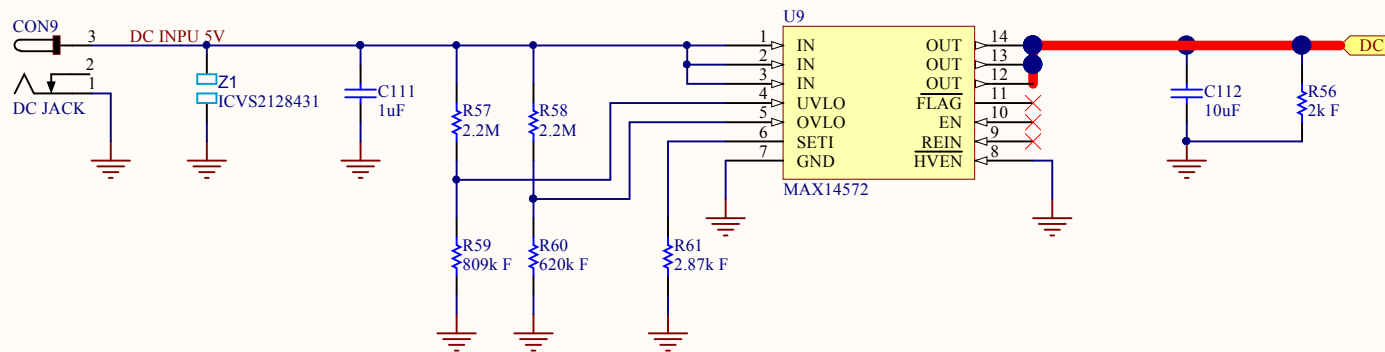





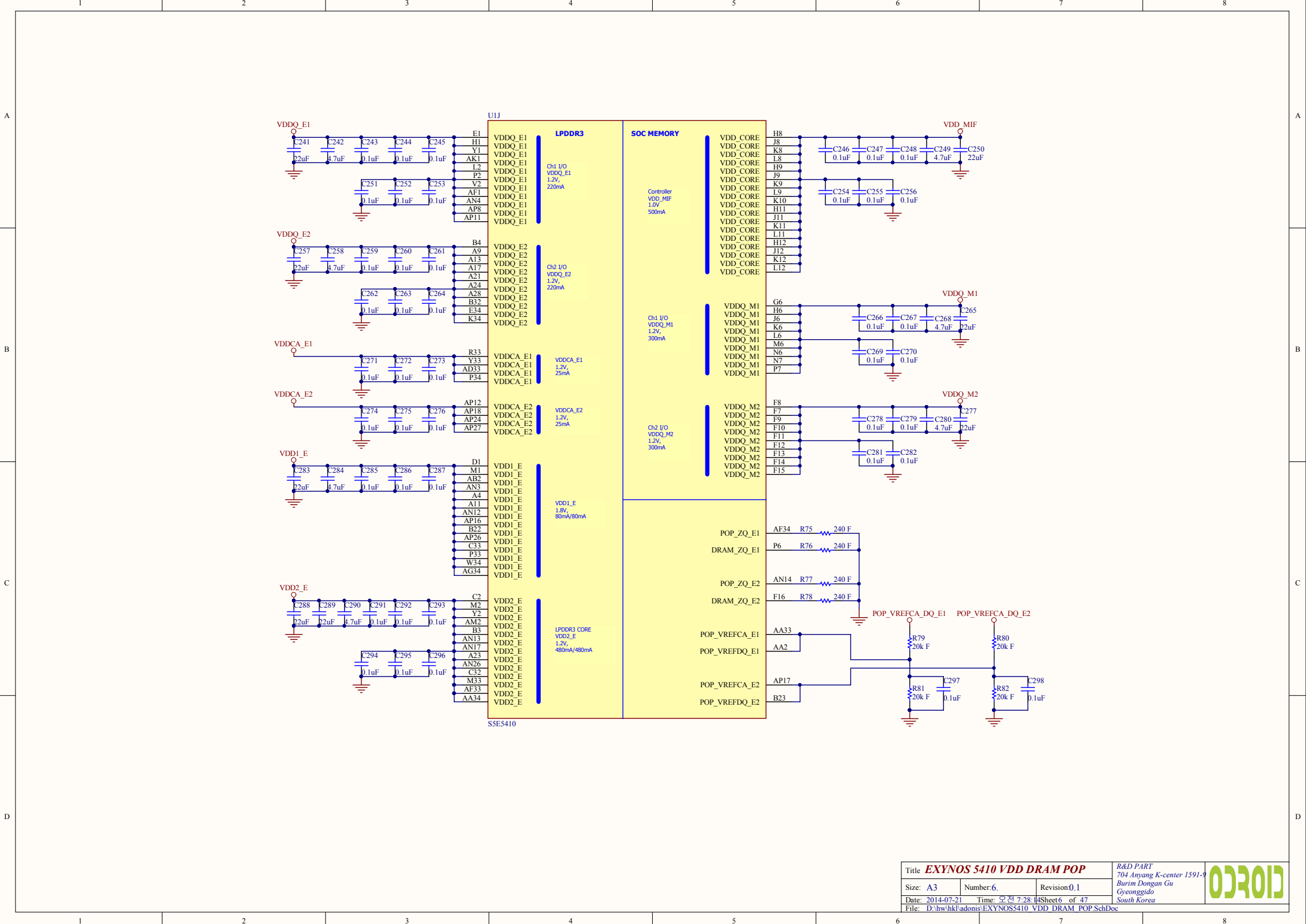


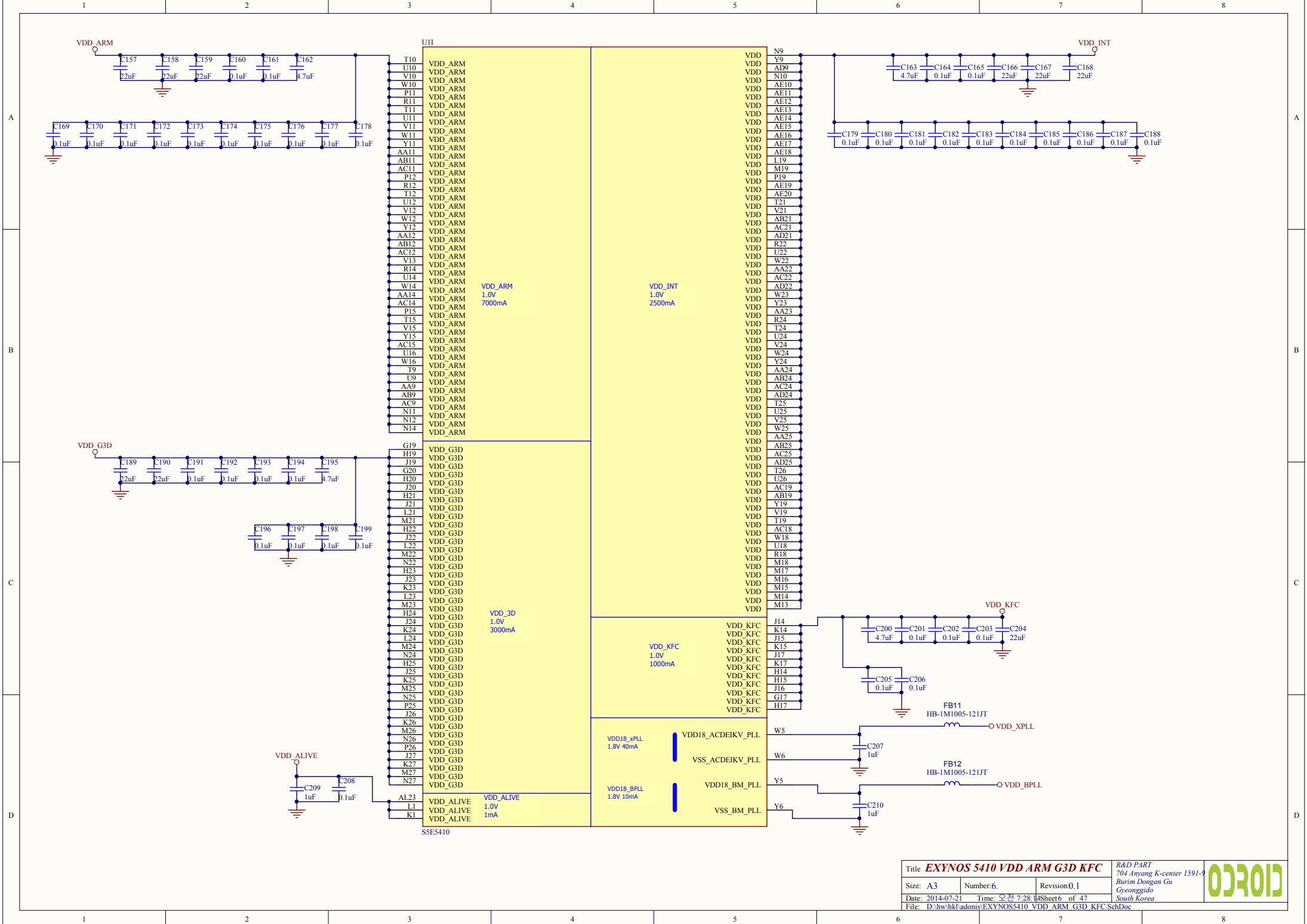


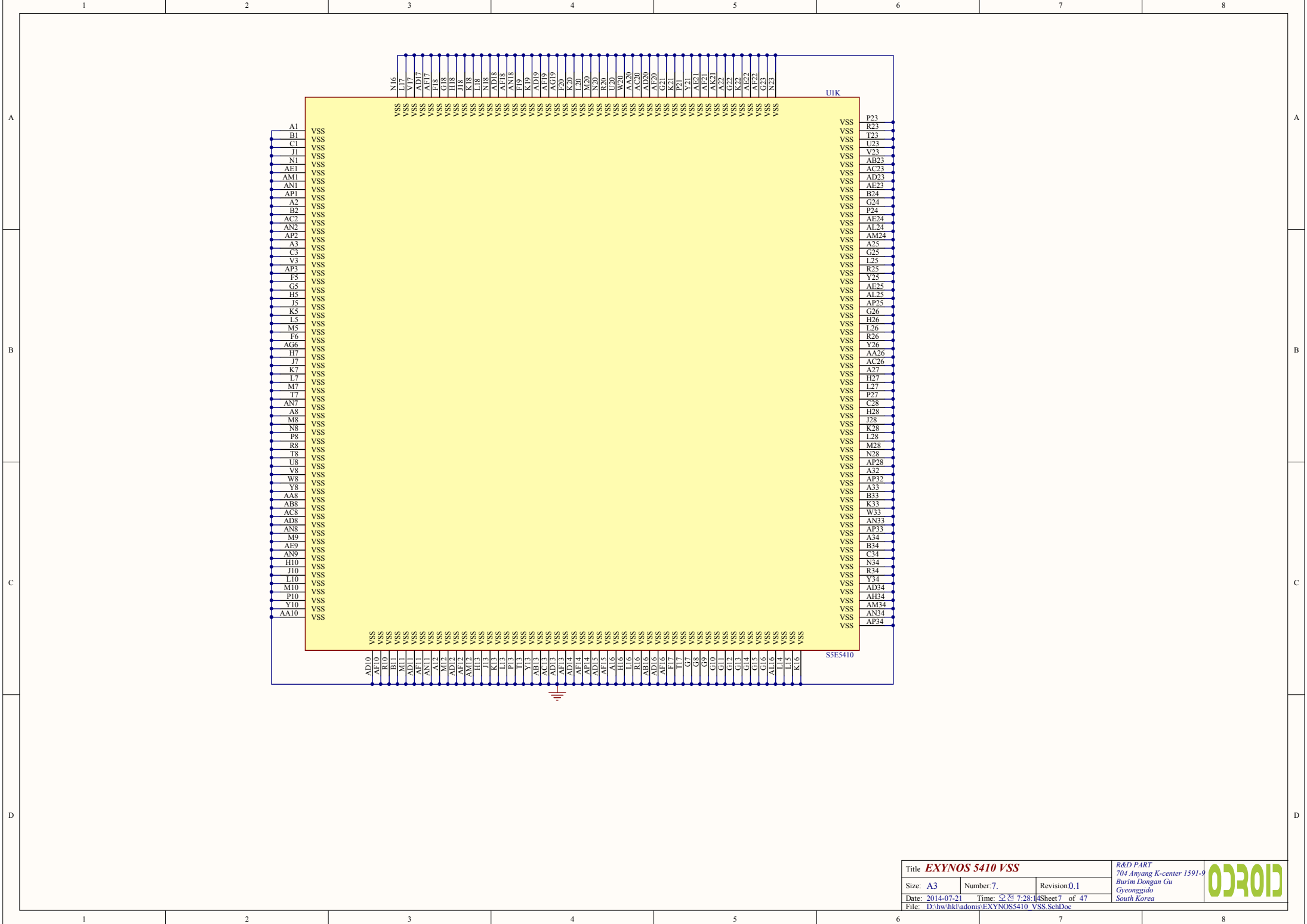


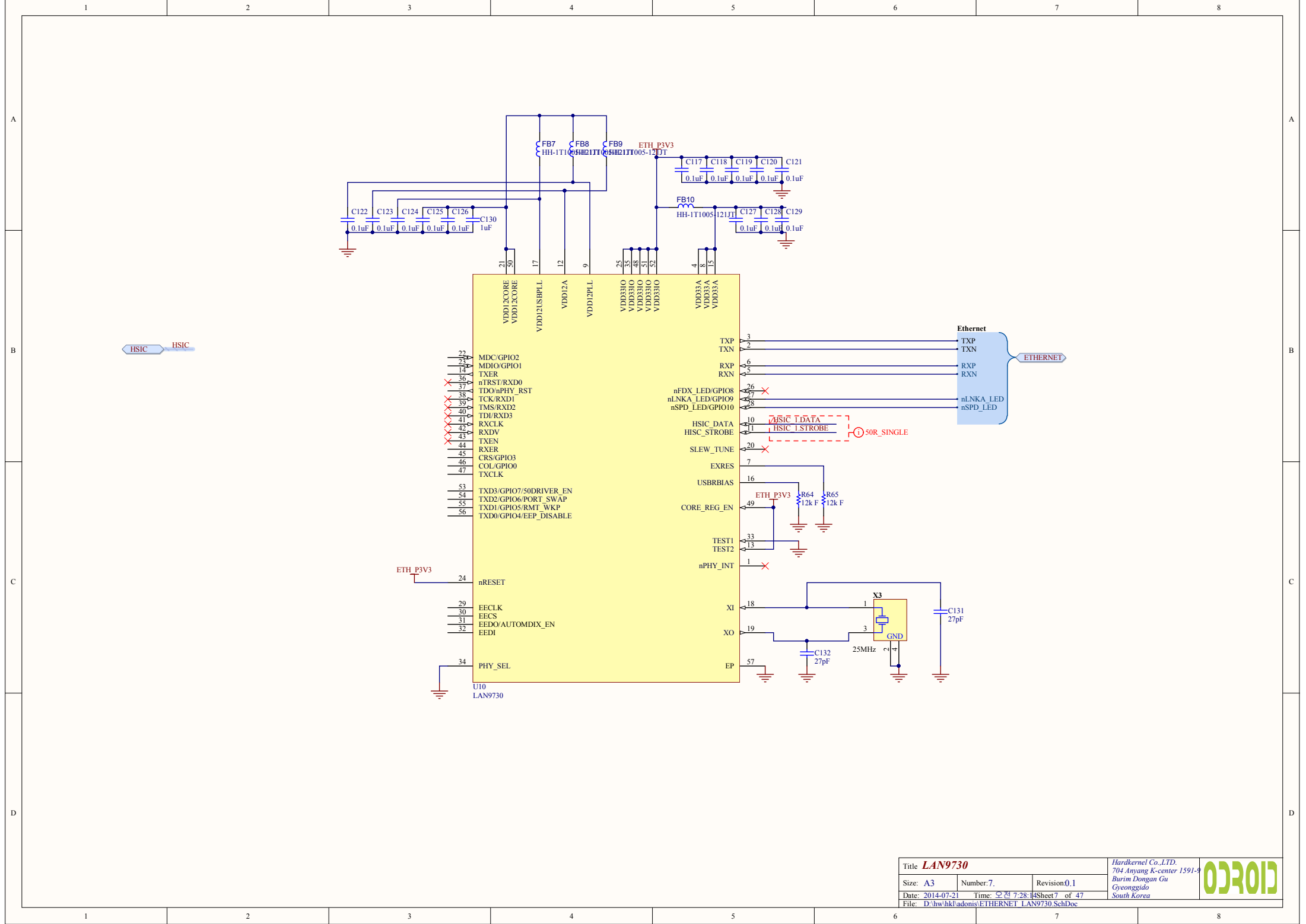


Title DC Jack and Protection IC			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:5.	Revision:0.1		
Date: 2014-07-21	Time: 오전 7:28:14		Sheet 5 of 47	
File: D:\hw\hkl\adonis\CON_DCJACK.SchDoc				









HSIC HSIC

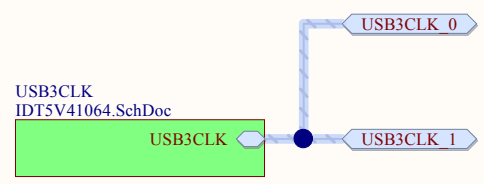
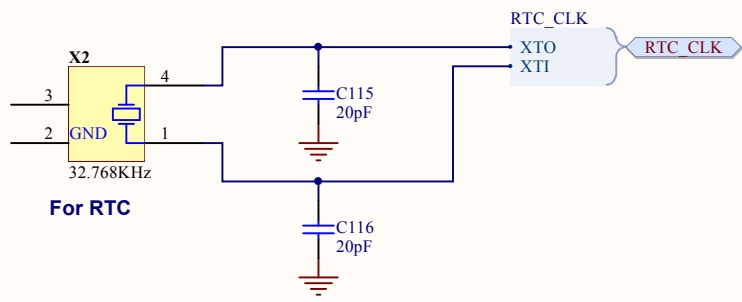
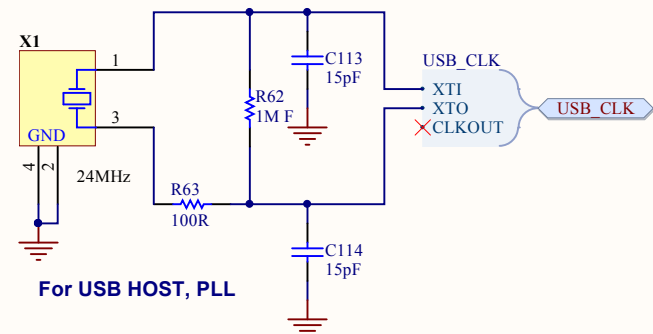
Ethernet
TXP
TXN
RXP
RXN
nLNKA_LED
nSPD_LED

ETH_P3V3

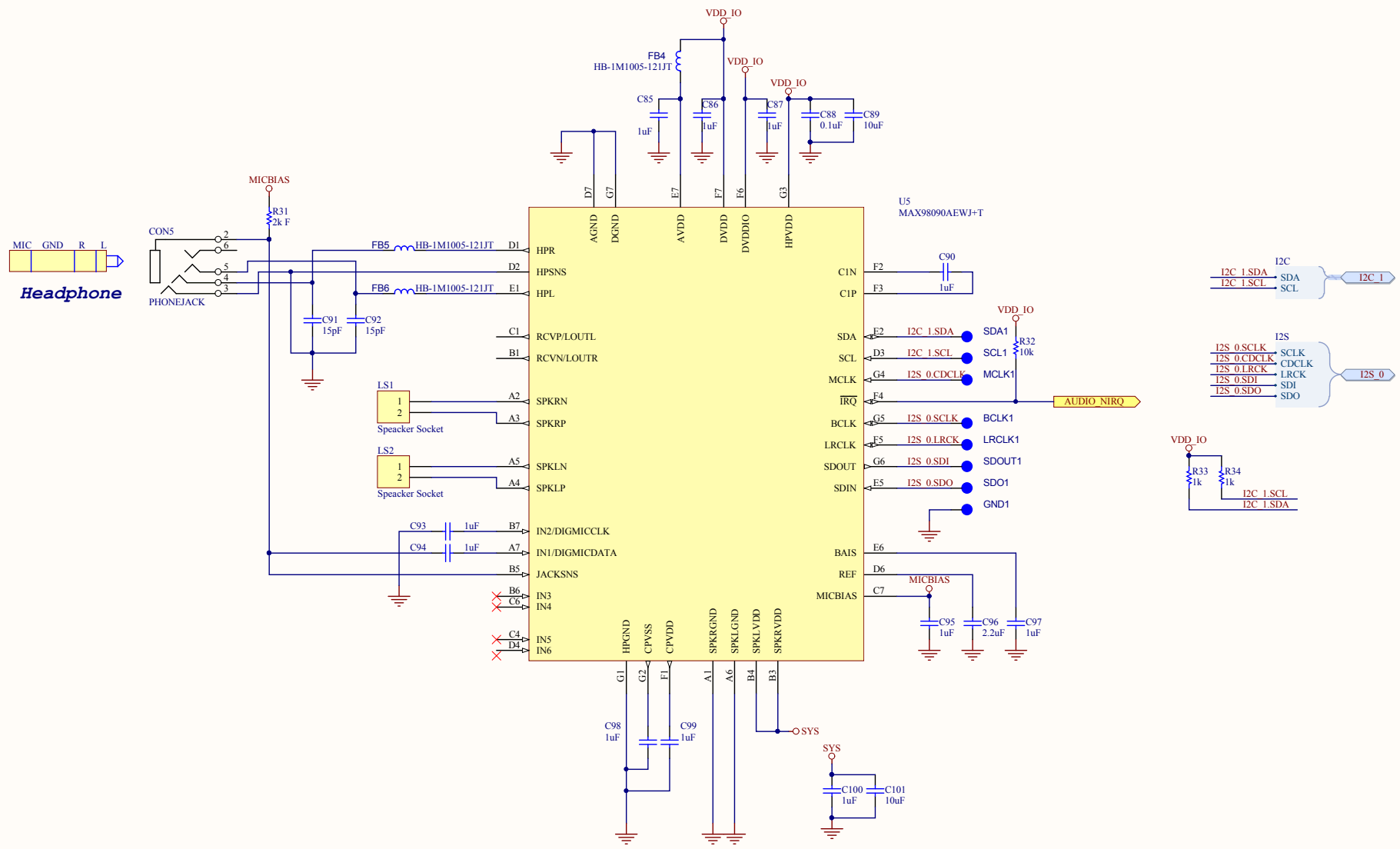
50R_SINGLE

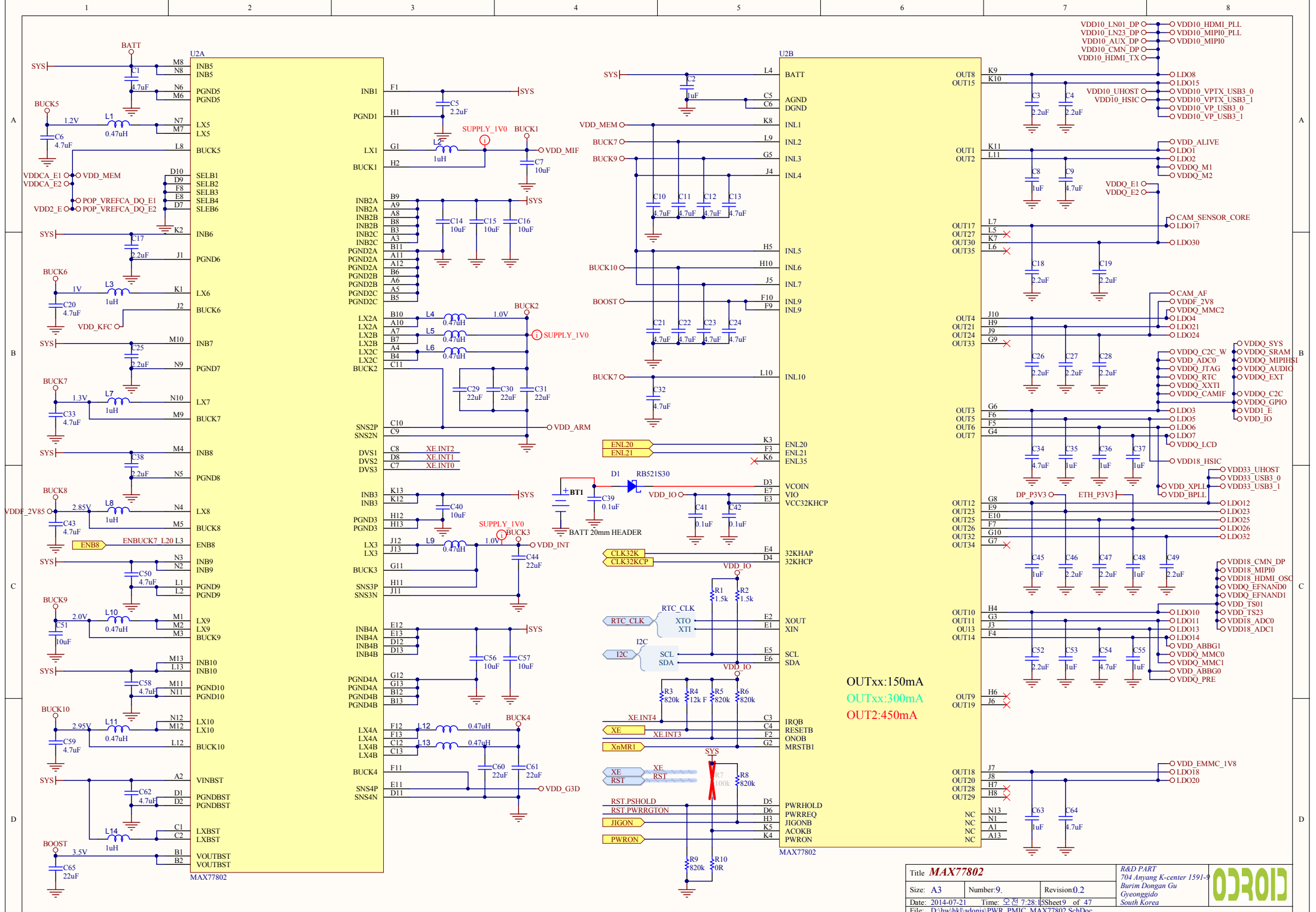
Title LAN9730			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim Dongan Gu Gyeonggido South Korea
Size: A3	Number: 7.	Revision: 0.1	
Date: 2014-07-21	Time: 2014.7.28. 14:28 Sheet 7 of 47		
File: D:\hw\hkl\adonis\ETHERNET_LAN9730.SchDoc			





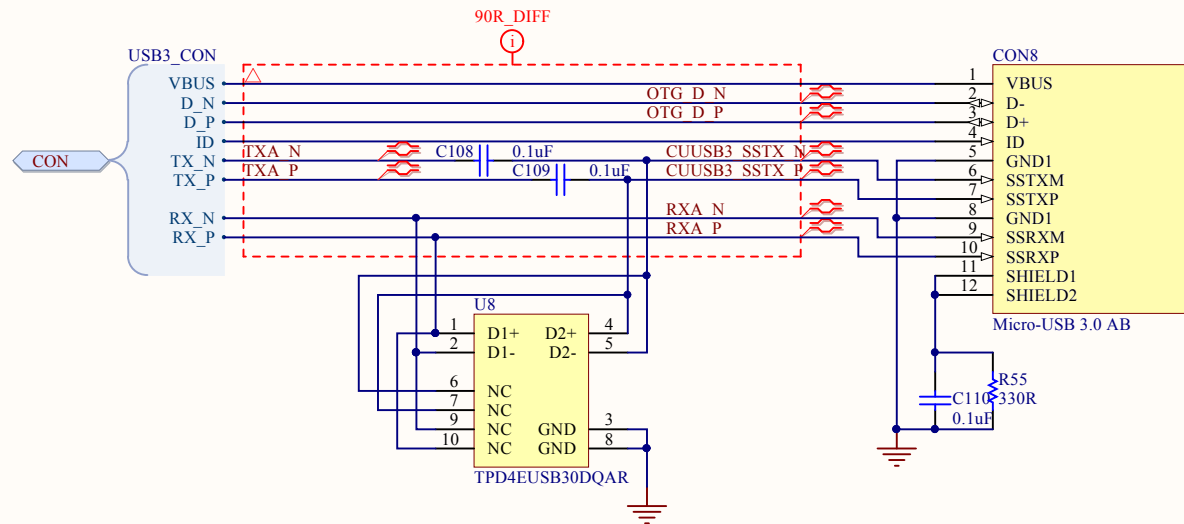
Title CLK			R&D PART	OSROID
Size: A4	Number: 8.	Revision: 0.2	704 Anyang K-center 1591-9	
Date: 2014-07-21	Time: 오전 7:28:15	Sheet 8 of 47	Burim Dongan Gu	
File: D:\hw\hkl\adonis\CLK.SchDoc			Gyeongido	
			South Korea	




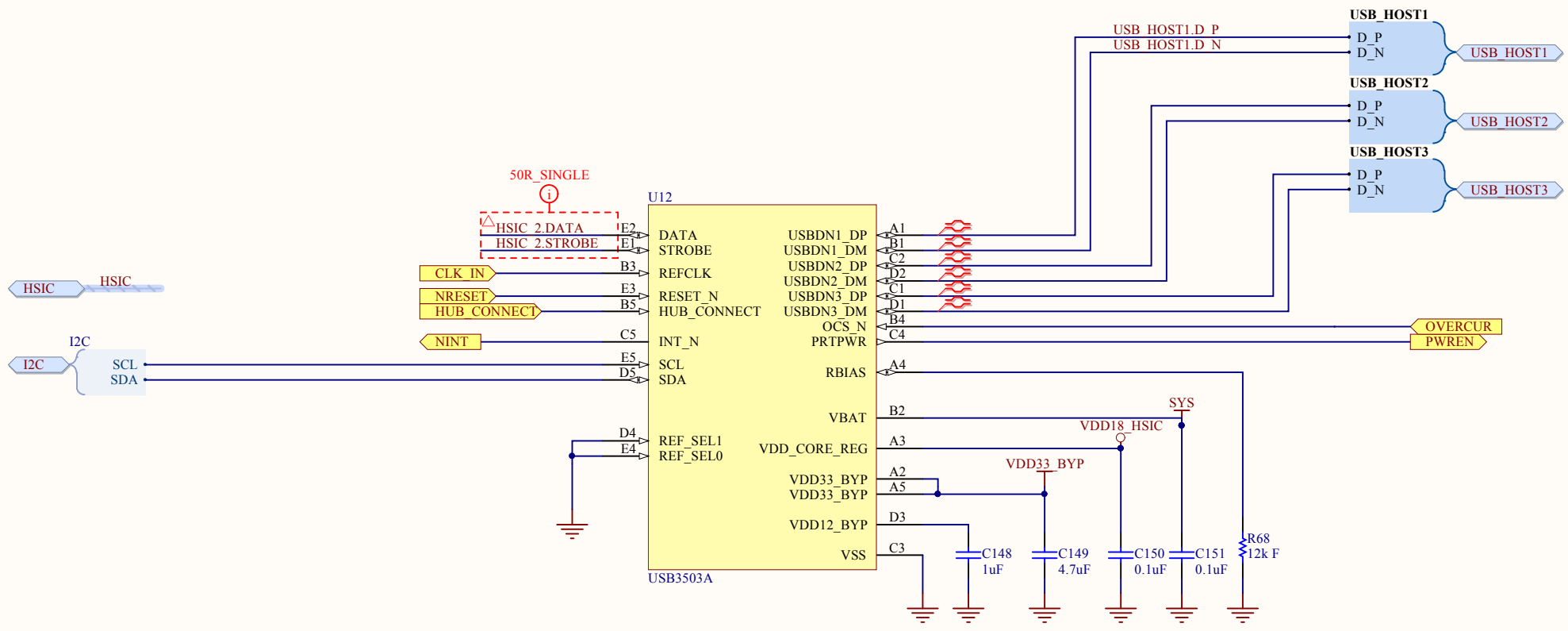



Title MAX77802		R&D PART		0201010
Size: A3		704 Anyang K-center 1591-9		
Number: 9		Burim Dongan Gu		
Revision: 0.2		Gyeonggido		
Date: 2014-07-21	Time: 2014.7.28. 15:58:29	Sheet 9 of 47		
File: D:\hw\hkl\adonis\PMIC_MAX77802_SchDoc				

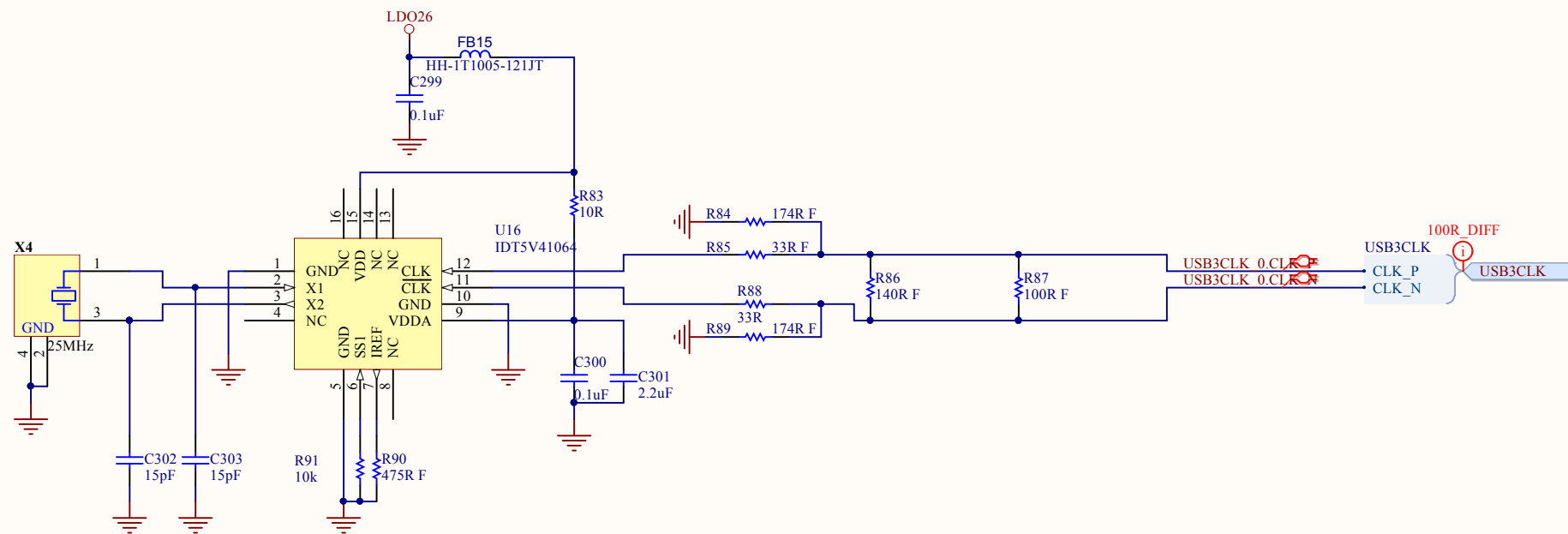
OUTxx:150mA
 OUTxx:300mA
 OUT2:450mA




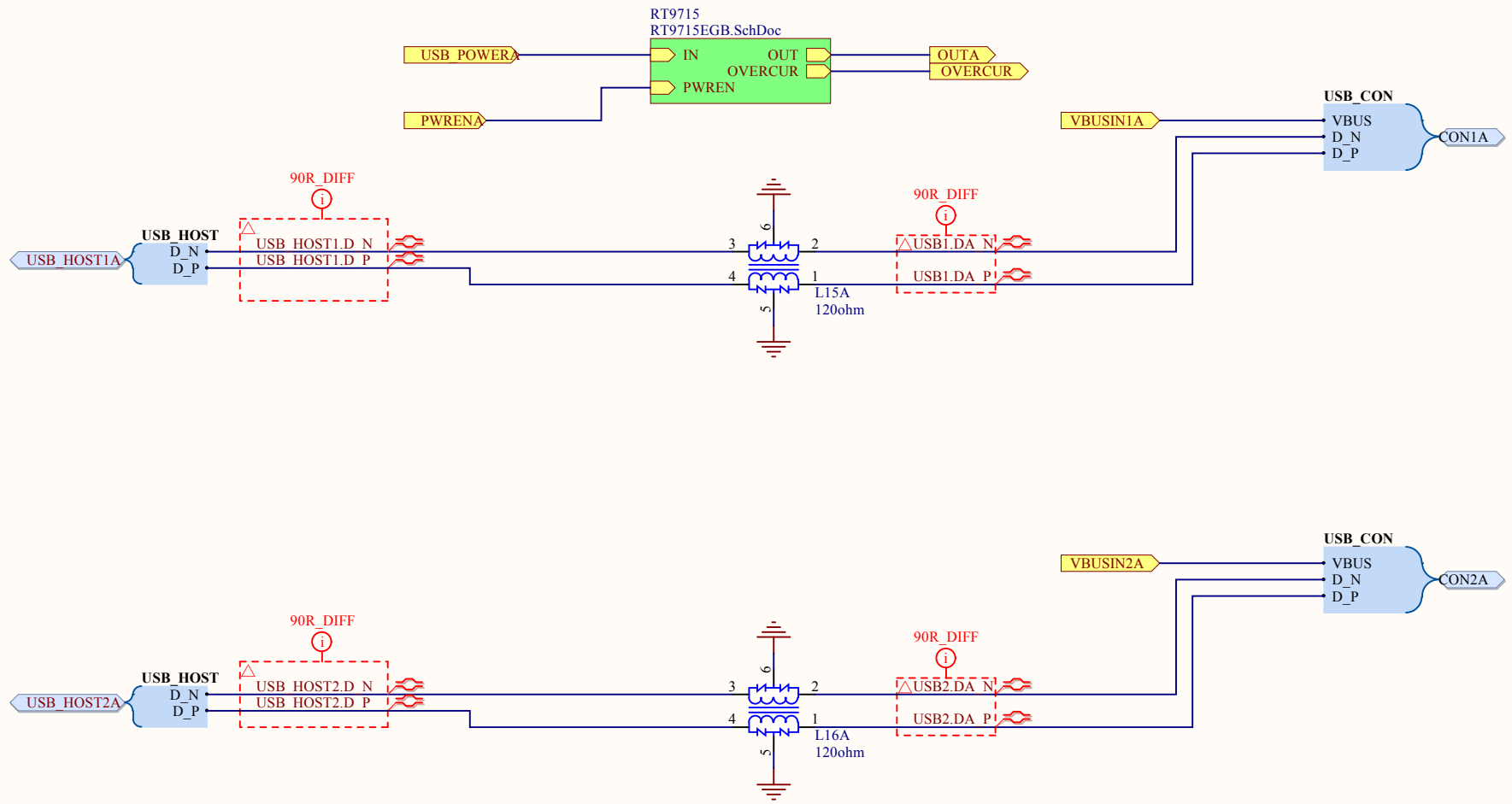
Title Micro USB 3.0 Connector			Hardkernel Co.,LTD. 704 Anyang K-center 1591-5 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:9.	Revision:0.1		
Date: 2014-07-21	Time: 오전 7:28:15	Sheet 9 of 47		
File: D:\hw\hkl\adonis\CON_USB3_MICROUSB.SchDoc				



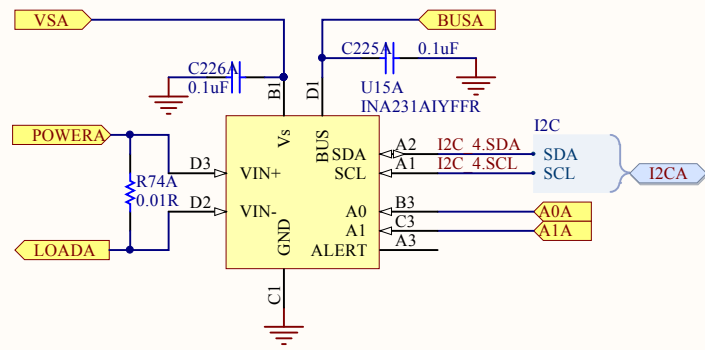
Title HSIC USB HUB			Hardkernel Co.,LTD. 704 Anyang K-center 1591-5 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:10.	Revision:0.2		
Date: 2014-07-21	Time: 오전 7:28:15	Sheet 10 of 47		
File: D:\hw\hkl\adonis\USB_HUB_USB3503A.SchDoc				




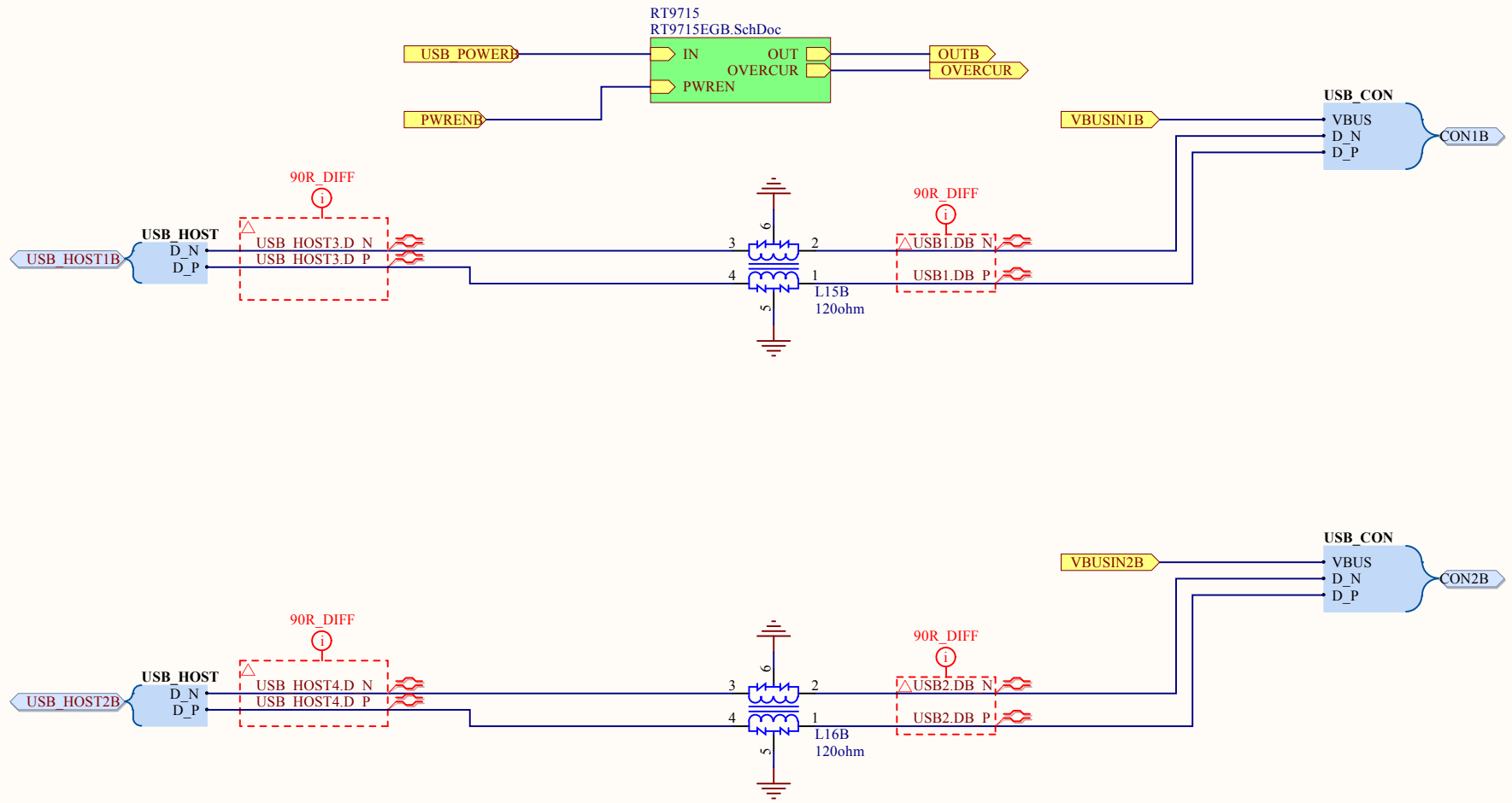
Title USB3 Reference Clock			Hardkernel Co.,LTD. 704 Anyang K-center 1591-5 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:10.	Revision:0.2		
Date: 2014-07-21	Time: 오전 7:28:15	Sheet 10 of 47		
File: D:\hw\hkl\adonis\IDT5V41064.SchDoc				



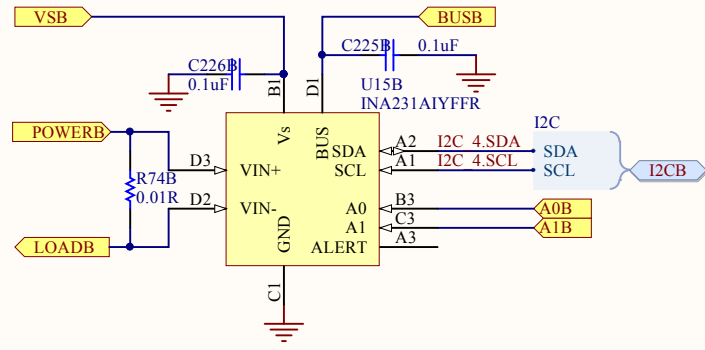
Title USB HOST Power Switch			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:10.1	Revision:0.4		
Date: 2014-07-21	Time: 오전 7:28:15	Sheet:10 of 47		
File: D:\hw\hkl\adonis\USB_HOST_PWR_SW_RT9715.SchDoc				




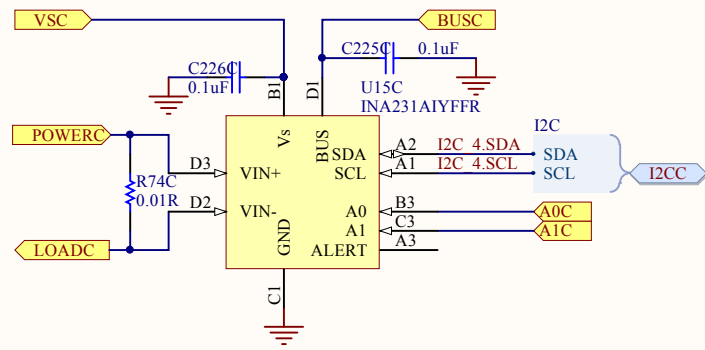
Title Current Sensor			Hardkernel Co.,LTD. 704 Anyang K-center 1591-5 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:10.1	Revision:0.2		
Date: 2014-07-21	Time: 오전 7:28:15	Sheet 10. bf 47		
File: D:\hw\hkl\adonis\INA231.SchDoc				



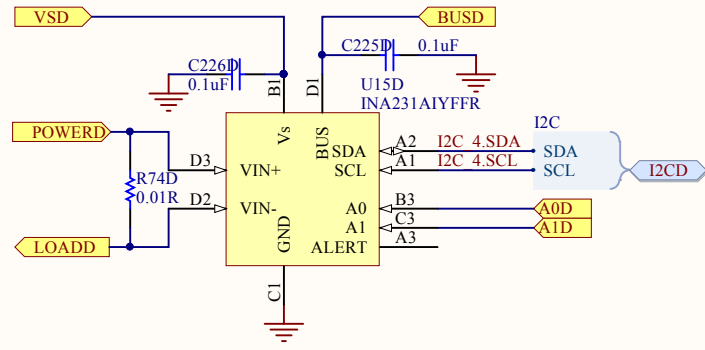
Title USB HOST Power Switch			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:10.2	Revision:0.4		
Date: 2014-07-21	Time: 오전 7:28:16	Sheet 10 of 47		
File: D:\hw\hkl\adonis\USB_HOST_PWR_SW_RT9715.SchDoc				




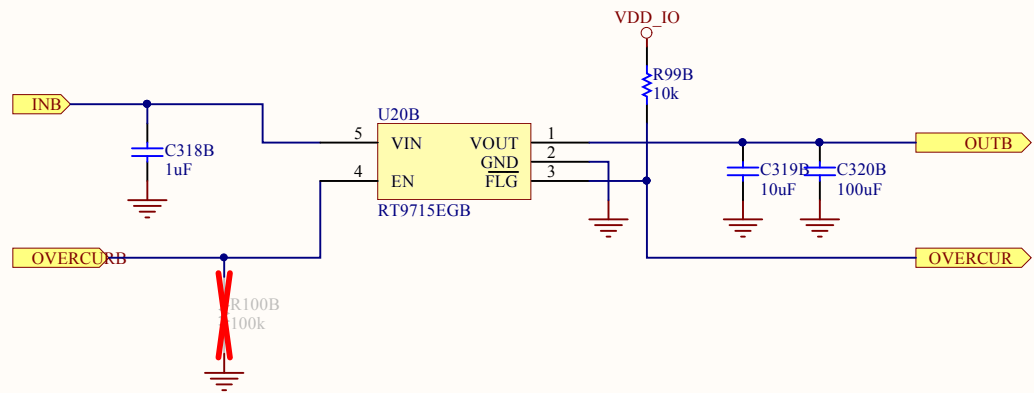
Title Current Sensor			Hardkernel Co.,LTD. 704 Anyang K-center 1591-5 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:10.2	Revision:0.2		
Date: 2014-07-21	Time: 오전 7:28:16	Sheet 10. of 47		
File: D:\hw\hkl\adonis\INA231.SchDoc				



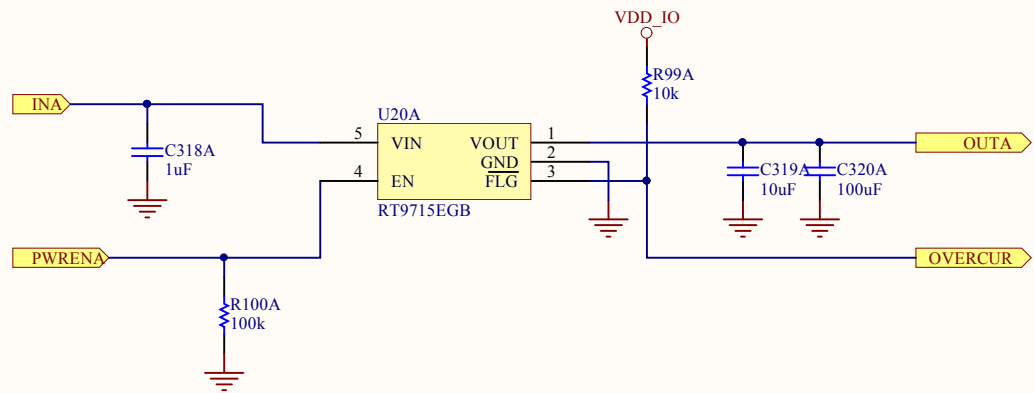
Title Current Sensor			Hardkernel Co.,LTD. 704 Anyang K-center 1591-5 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:10.3	Revision:0.2		
Date: 2014-07-21	Time: 오전 7:28:16	Sheet 10 of 47		
File: D:\hw\hkl\adonis\INA231.SchDoc				




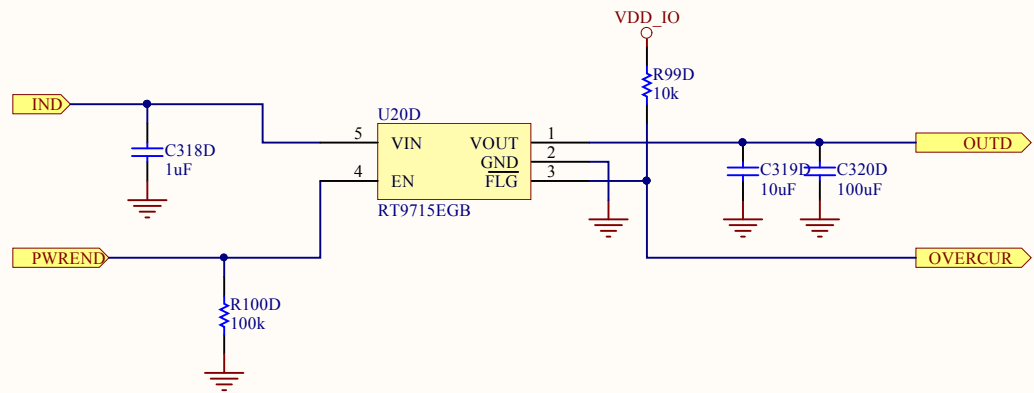
Title Current Sensor			Hardkernel Co.,LTD. 704 Anyang K-center 1591-5 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:10.4	Revision:0.2		
Date: 2014-07-21	Time: 오전 7:28:16	Sheet 10 of 47		
File: D:\hw\hkl\adonis\INA231.SchDoc				




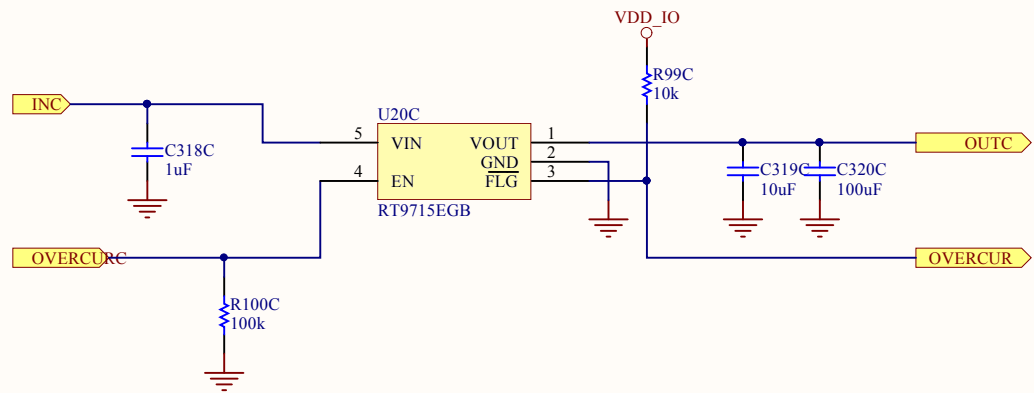
Title USB HOST Power Switch			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:10.1.1	Revision:0.4		
Date: 2014-07-21	Time: 오전 7:28:16	Sheet 10. of 47		
File: D:\hw\hkl\adonis\RT9715EGB.SchDoc				




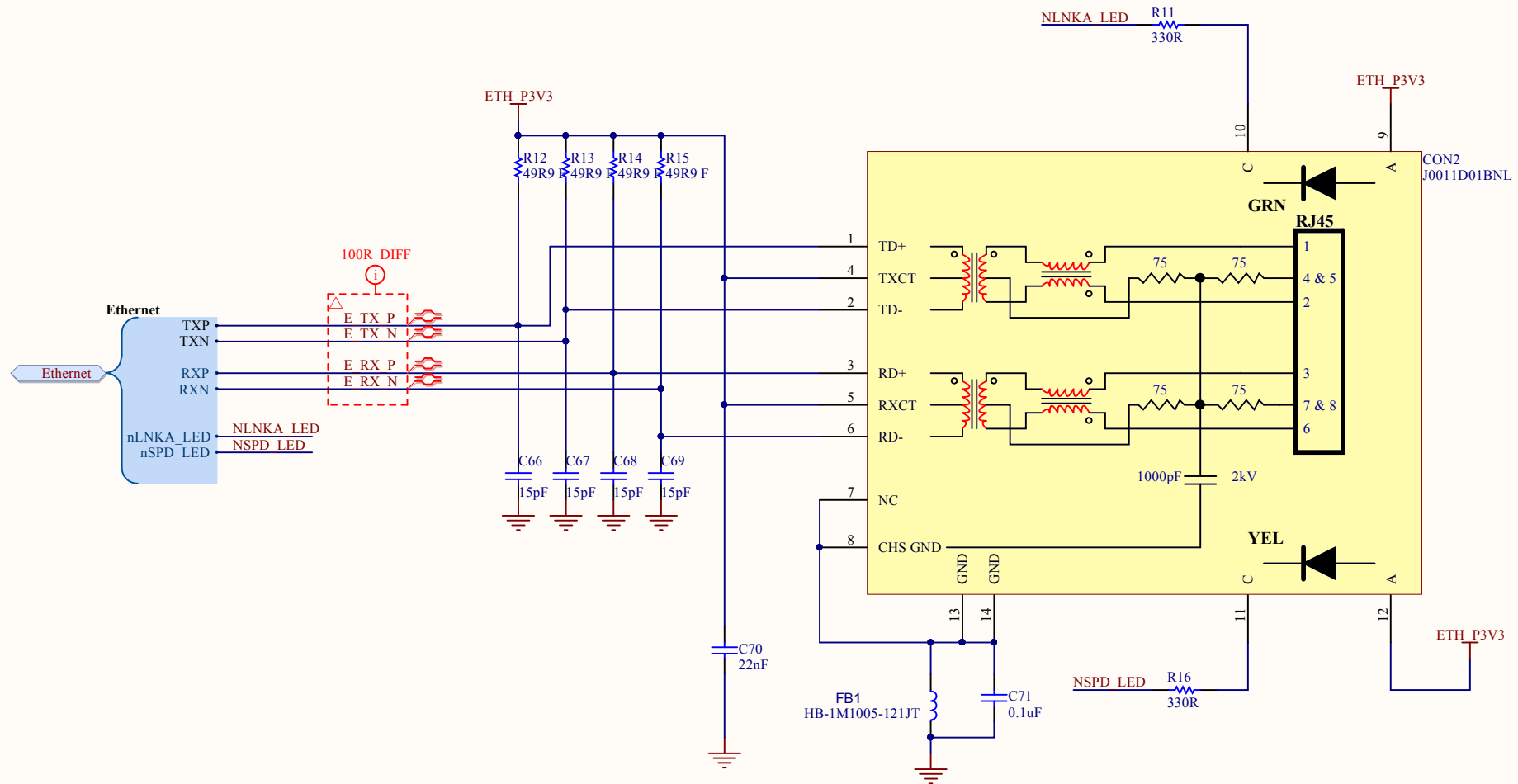
Title USB HOST Power Switch			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:10.1.1	Revision0.4		
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File: D:\hw\hkl\adonis\RT9715EGB.SchDoc				




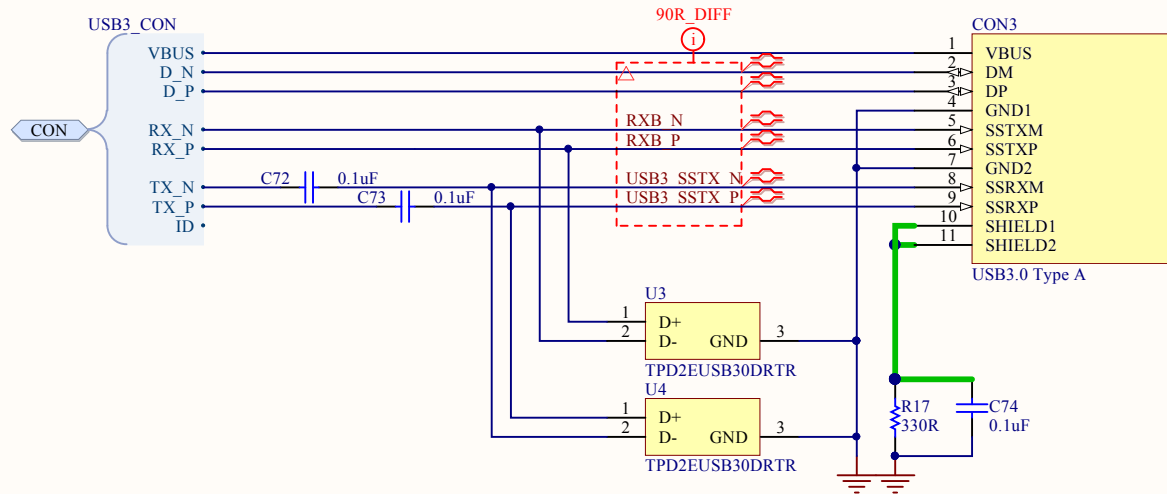
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Size: A4	Number:10.2.1	Revision0.4		
Date: 2014-07-21	Time: 오전 7:28:16	Sheet 10.2 of 47		
File: D:\hw\hkl\adonis\RT9715EGB.SchDoc				




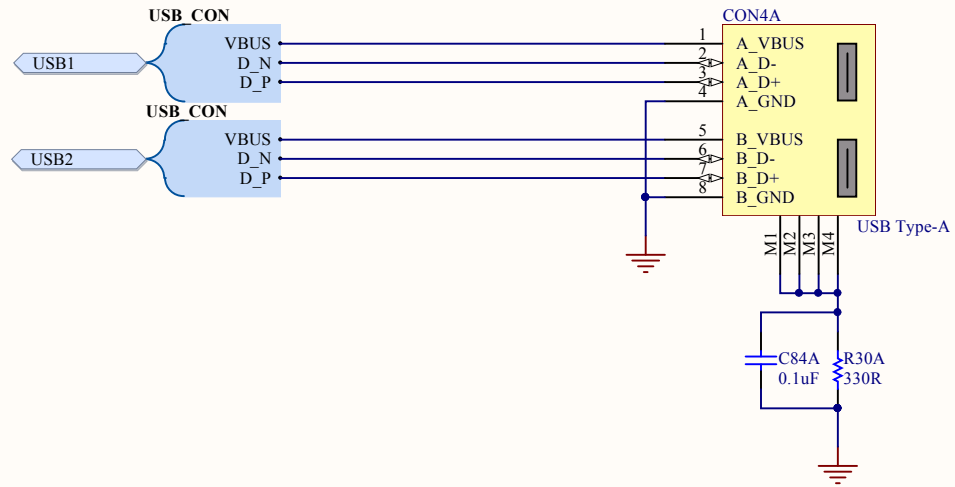
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Size: A4	Number:10.2.1	Revision:0.4		
Date: 2014-07-21	Time: 오전 7:28:16	Sheet 10 of 47		
File: D:\hw\hkl\adonis\RT9715EGB.SchDoc				




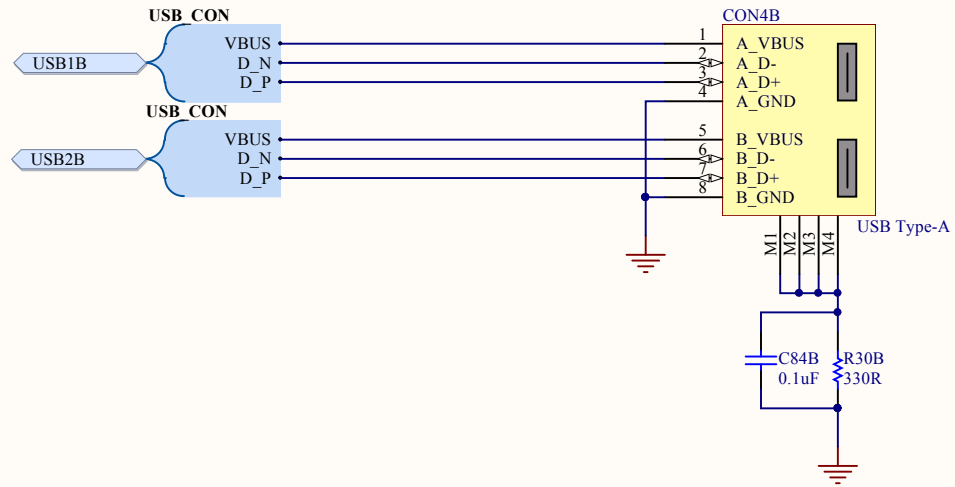
Title Ethernet Connector			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number: 11.	Revision: 0.1		
Date: 2014-07-21	Time: 오전 7:28:16	Sheet 11 of 47		
File: D:\hw\hkl\adonis\CON_ETHERNET.SchDoc				




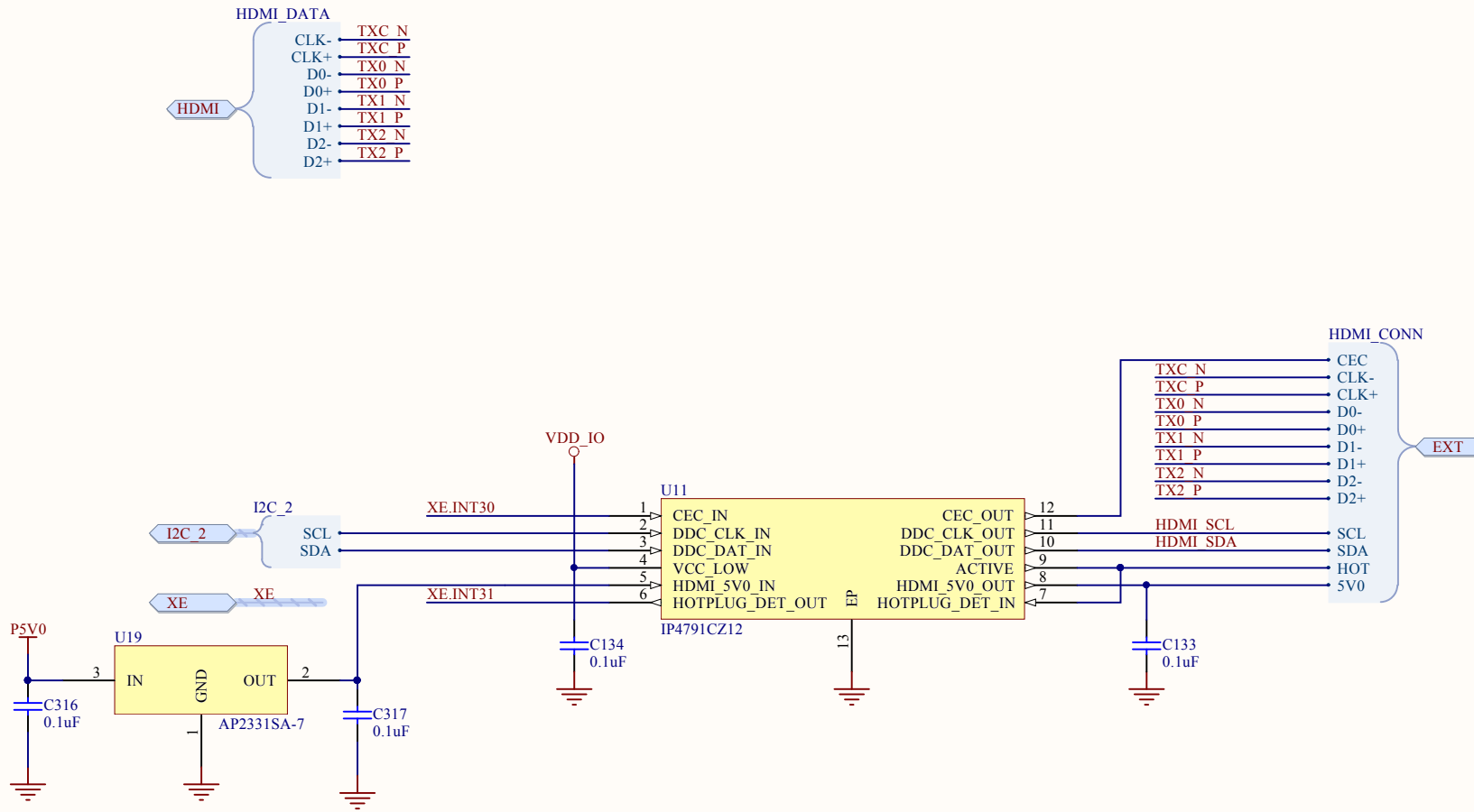
Title USB 3.0 Type A Connector			Hardkernel Co.,LTD. 1-605 Shinan Metrokhan 111, Dalandong, Dongangu, Anyang, Gyeonggido South Korea	
Size: A4	Number:12.	Revision:0.1		
Date: 2014-07-21	Time: 오전 7:28:16	Sheet 12 of 47		
File: D:\hw\hkl\adonis\CON_USB3_RA.SchDoc				




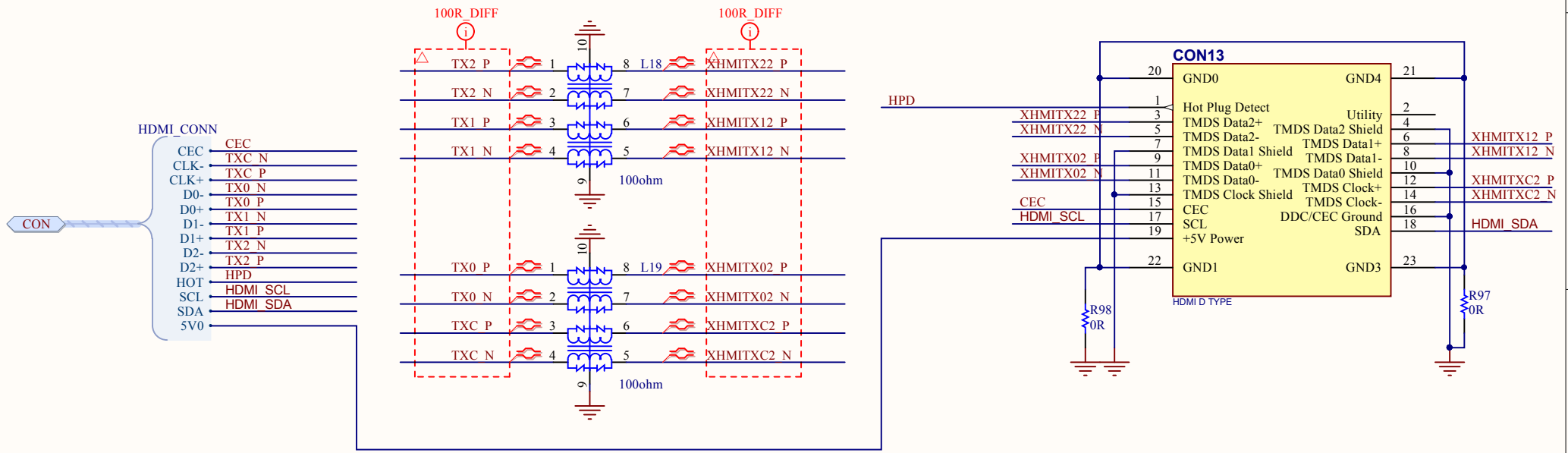
Title USB 2.0 Type A Connector			<i>Hardkernel Co.,LTD.</i> 1-605 Shinan Metrokhan 111 Dalandong, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:12.1	Revision0.4		
Date: 2014-07-21	Time: 오전 7:28:16	Sheet 12. bf 47		
File: D:\hw\hkl\adonis\CON_USB_RA_DUAL.SchDoc				




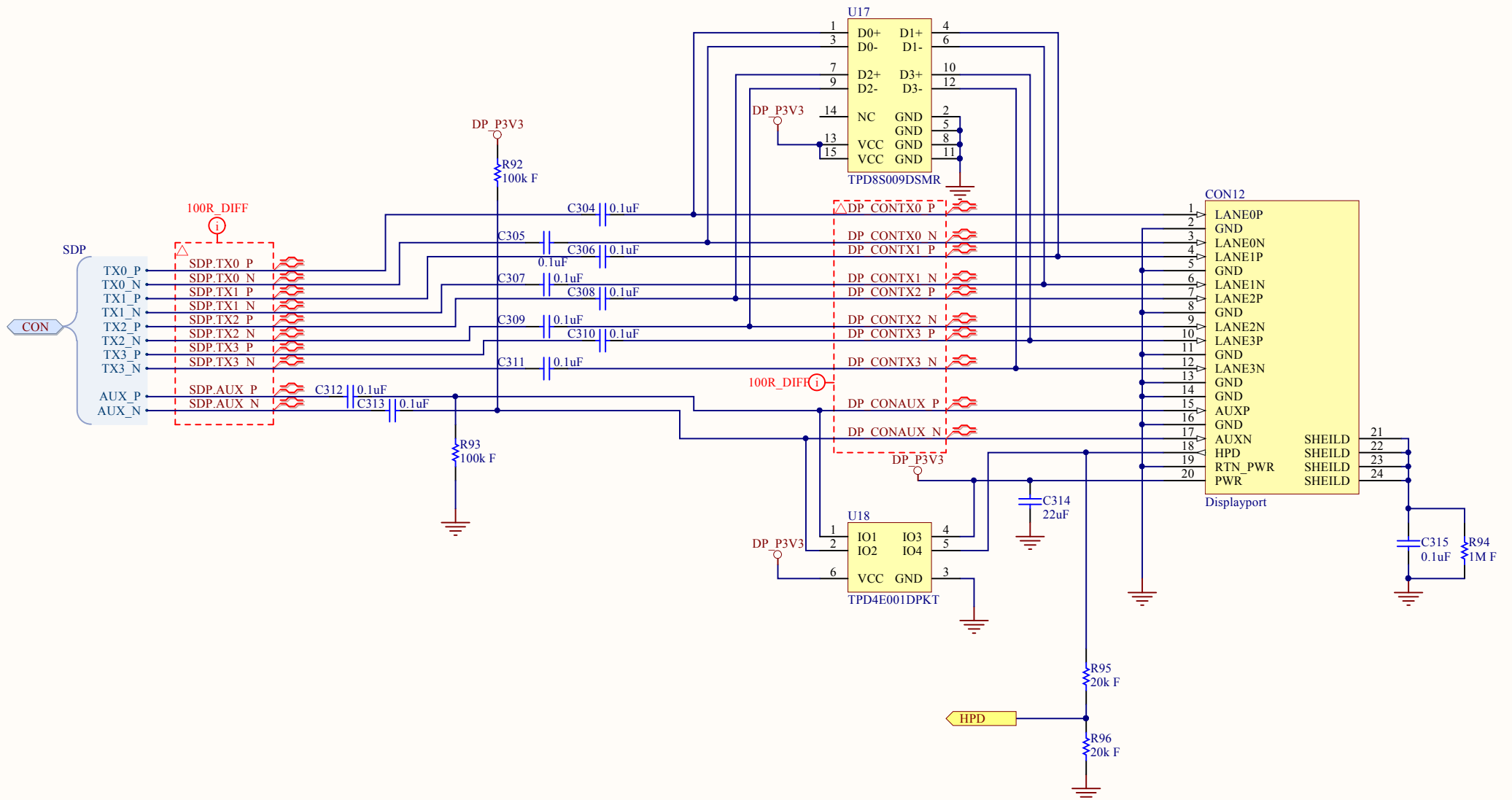
Title USB 2.0 Type A Connector			Hardkernel Co.,LTD. 1-605 Shinan Metrokhan 111 Dalandong, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:12.2	Revision:0.4		
Date: 2014-07-21	Time: 오전 7:28:17	Sheet 12 of 47		
File: D:\hw\hkl\adonis\CON_USB_RA_DUAL.SchDoc				



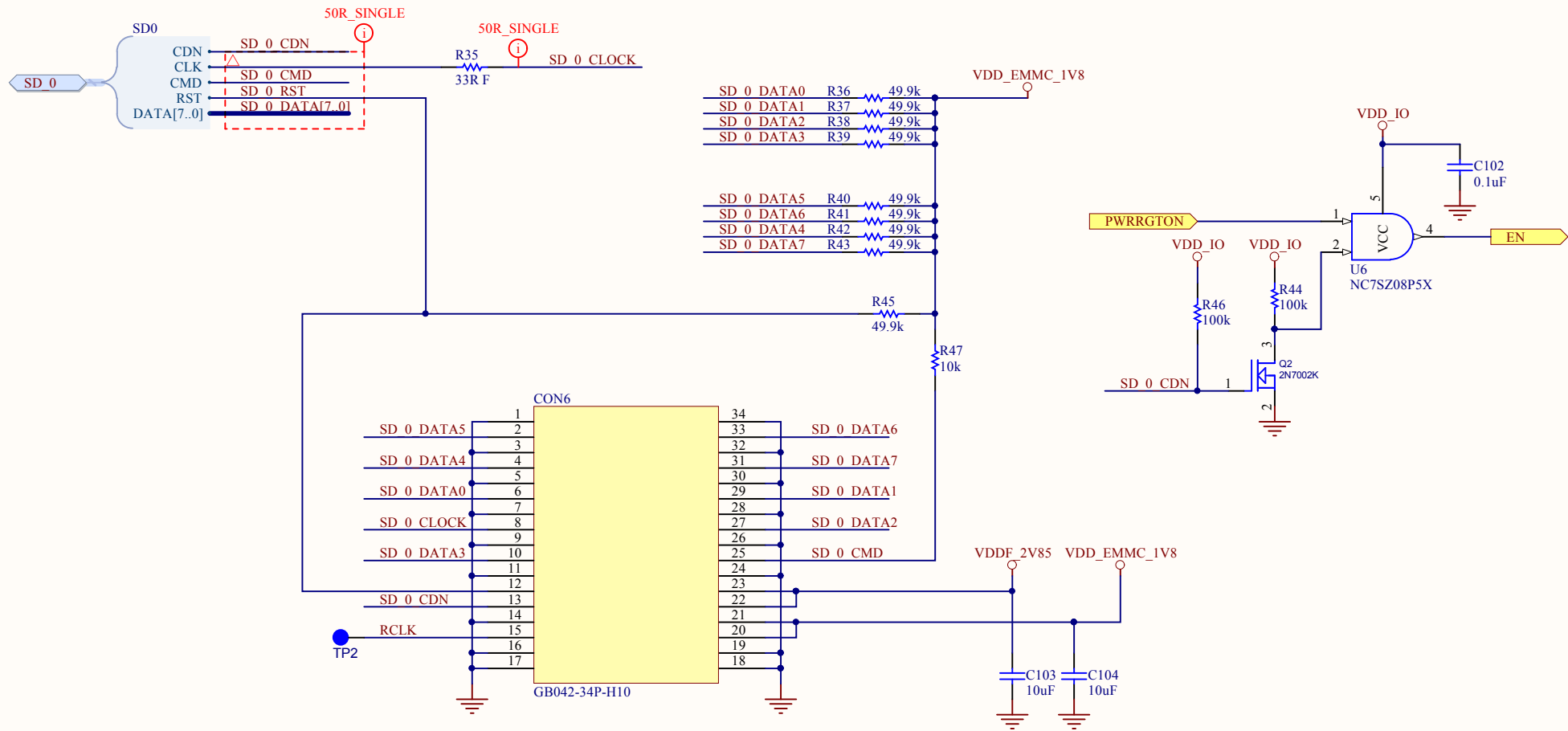
Title HDMI 2C			Hardkernel Co.,LTD. 704 Anyang K-center 1591-5 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:13.	Revision:0.4		
Date: 2014-07-21	Time: 오전 7:28:17	Sheet 13 of 47		
File: D:\hw\hkl\adonis\HDMI_I2C.SchDoc				




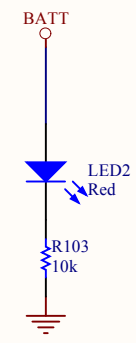
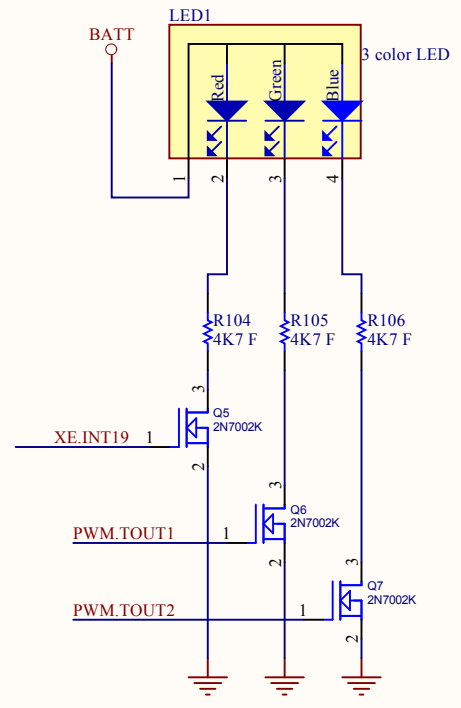
Title Micro HDMI Connector			Hardkernel Co.,LTD. 704 Anyang K-center 1591-5 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:14.	Revision:0.4		
Date: 2014-07-21	Time: 오전 7:28:17	Sheet 14 of 47		
File: D:\hw\hkl\adonis\CON_HDMI.SchDoc				



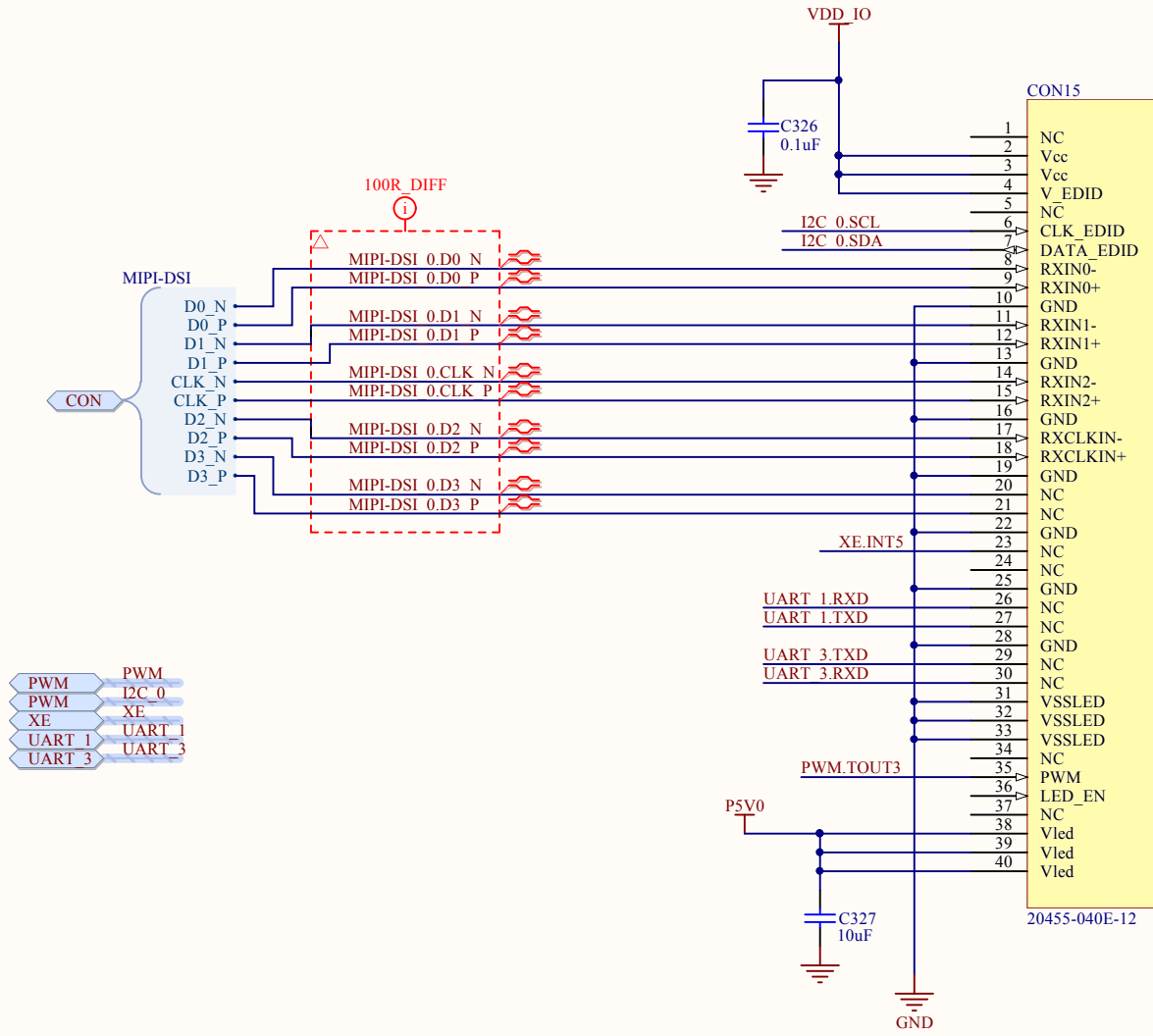
Title DisplayPort Connector			Hardkernel Co.,LTD. 704 Anyang K-center 1591-5 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:14.	Revision:0.1		
Date: 2014-07-21	Time: 오전 7:28:17	Sheet 14 of 47		
File: D:\hw\hkl\adonis\CON_DISPAYPORT.SchDoc				



Title CON_EMMC			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim Dongan Gu Gyeonggido South Korea	
Size: A4	Number:15.	Revision:0.4		
Date: 2014-07-21	Time: 오전 7:28:17	Sheet 15 of 47		
File: D:\hw\hkl\adonis\CON_EMMC.SchDoc				



Title LEDs			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim Dongan Gu Gyeonggido South Korea	
Size: A4	Number:16.	Revision:0.1		
Date: 2014-07-21	Time: 오전 7:28:17	Sheet 16 of 47		
File: D:\hw\hkl\adonis\XU_LEDS.SchDoc				



- PWM PWM
- I2C 0 I2C 0
- XE XE
- UART 1 UART 1
- UART 3 UART 3

Title LCD Connector			Hardkernel Co.,LTD. 704 Anyang K-center 1591-5 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:16.	Revision:0.5		
Date: 2014-07-21	Time: 오전 7:28:17	Sheet 16 of 47		
File: D:\hw\hkl\adonis\CON_LCD_IPEX_20455-040E-12.SchDoc				

1

2

3

4

A

A

B

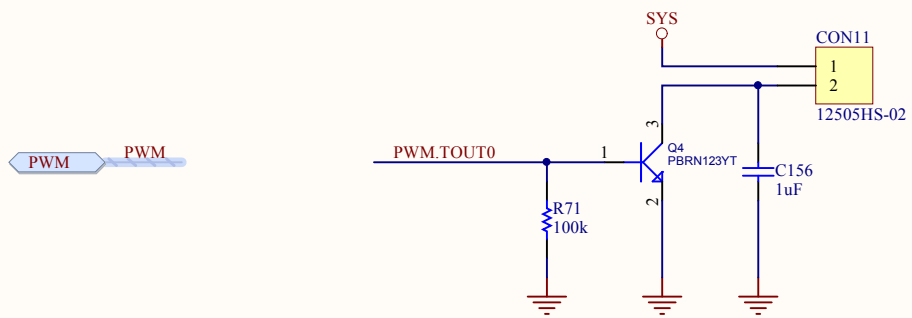
B


C

C

D

D



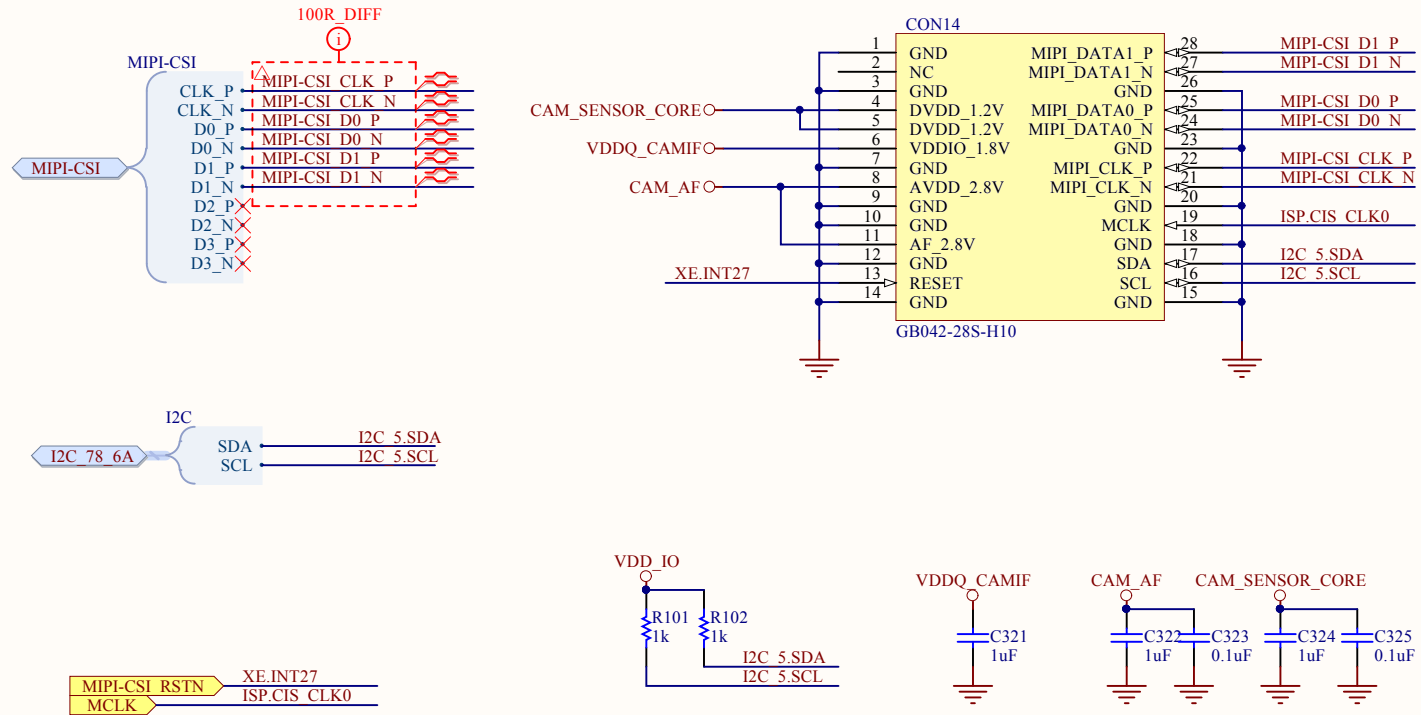
Title FAN Connector			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim Dongan Gu Gyeonggido South Korea	
Size: A4	Number:16.	Revision0.1		
Date: 2014-07-21	Time: 오전 7:28:17	Sheet 16 of 47		
File: D:\hw\hkl\adonis\CON_FAN.SchDoc				

1

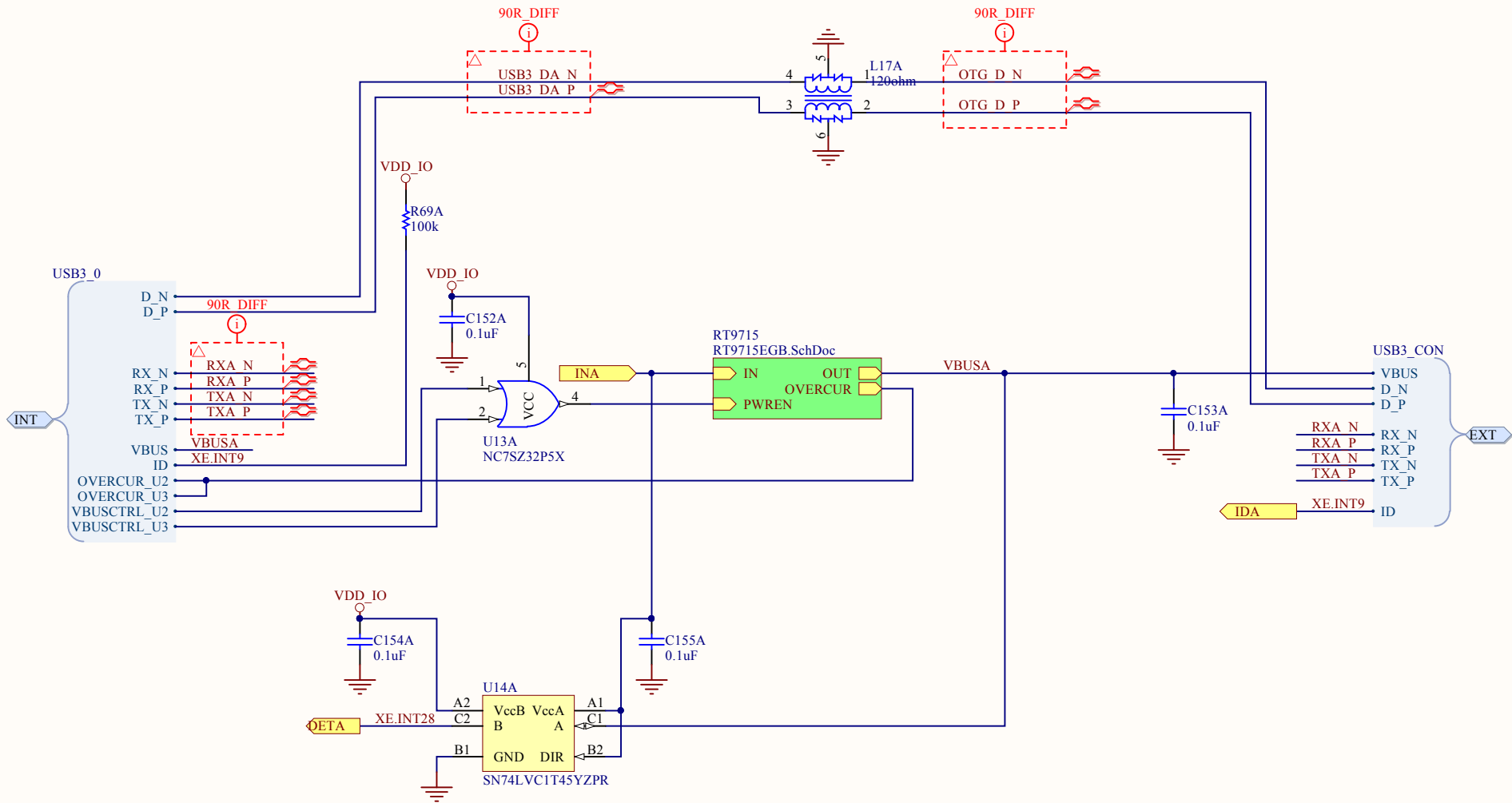
2


3

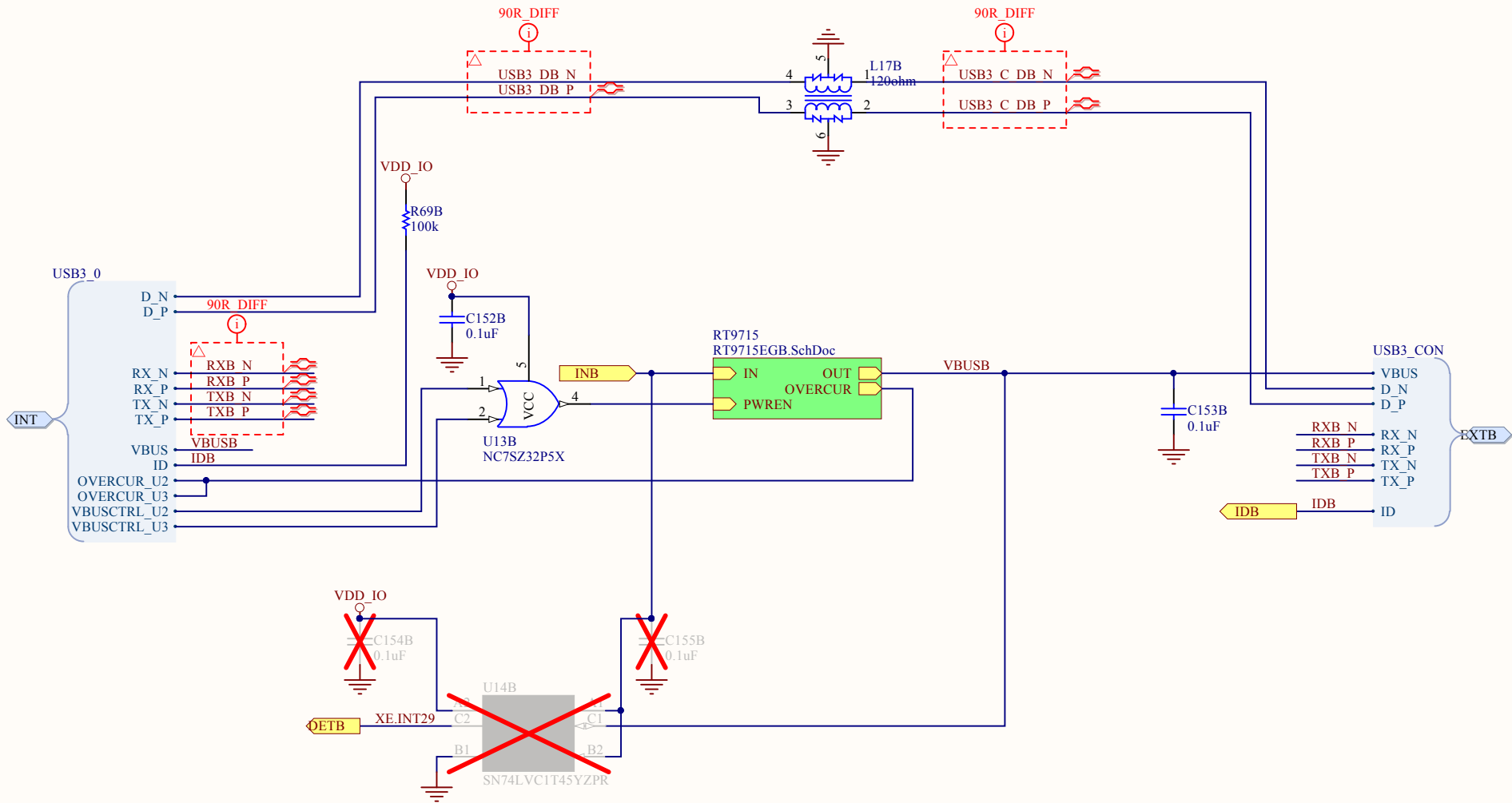
4



Title CAMERA Connector			Hardkernel Co.,LTD. 704 Anyang K-Center, Gwangyang, Dongan, Anyang, Gyeonggido South Korea	Cannot open file C:\Users\ydongyo\Do wnloads\Odroid-A_Lo
Size: A4	Number:17.	Revision:0.1		
Date: 2014-07-21	Time: 2014 7:28:17	Sheet 17 of 47		
File: D:\hw\hkl\adonis\CON_CAMERA.SchDoc				



Title USB3 BUS POWER			Hardkernel Co.,LTD. 1-605 Shinan Metrokhan 111 Dalandong, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:19.1	Revision:0.4		
Date: 2014-07-21	Time: 오전 7:28	Sheet:19. bf 47		
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Title **USB3 BUS POWER**

Size: A4

Number:19.2

Revision:0.4

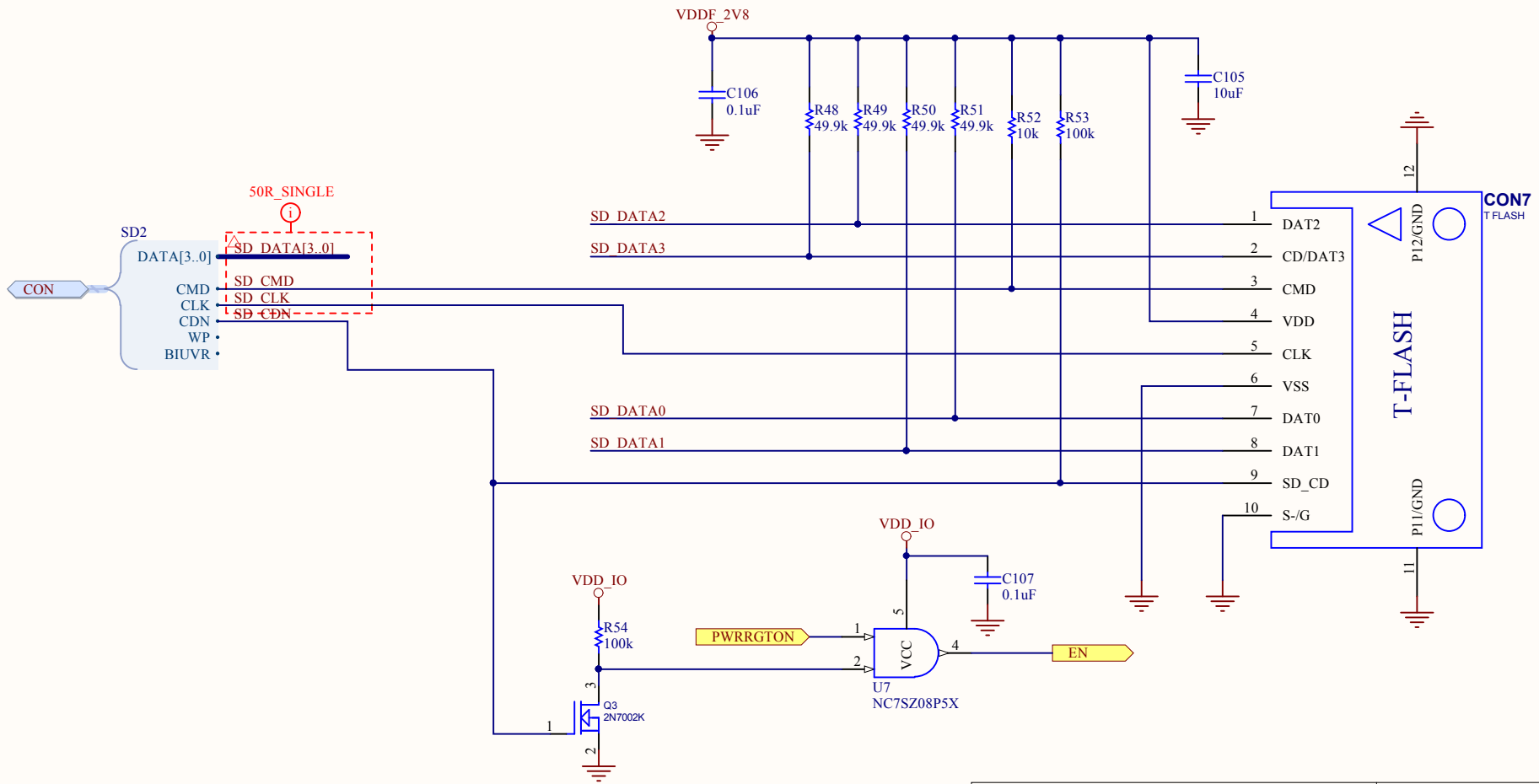
Date: 2014-07-21


Time: 오전 7:28:18 Sheet 19 of 47

File: D:\hw\hkl\adonis\USB3_BUS_PWR.SchDoc

Hardkernel Co.,LTD.
1-605 Shinan Metrokhan 111
Dalandong, Dongangu, Anyang
Gyeonggido
South Korea





Title Micro SD Socket			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea	
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File: D:\hw\hkl\adonis\CON_MICROSD_HD08-AL00335.SchDoc				

1

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A

A

B

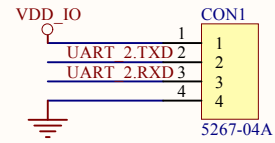
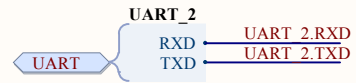
B

C

C

D

D



Title CON_UART			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:21.	Revision:0.4		
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