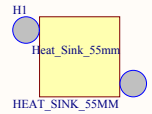


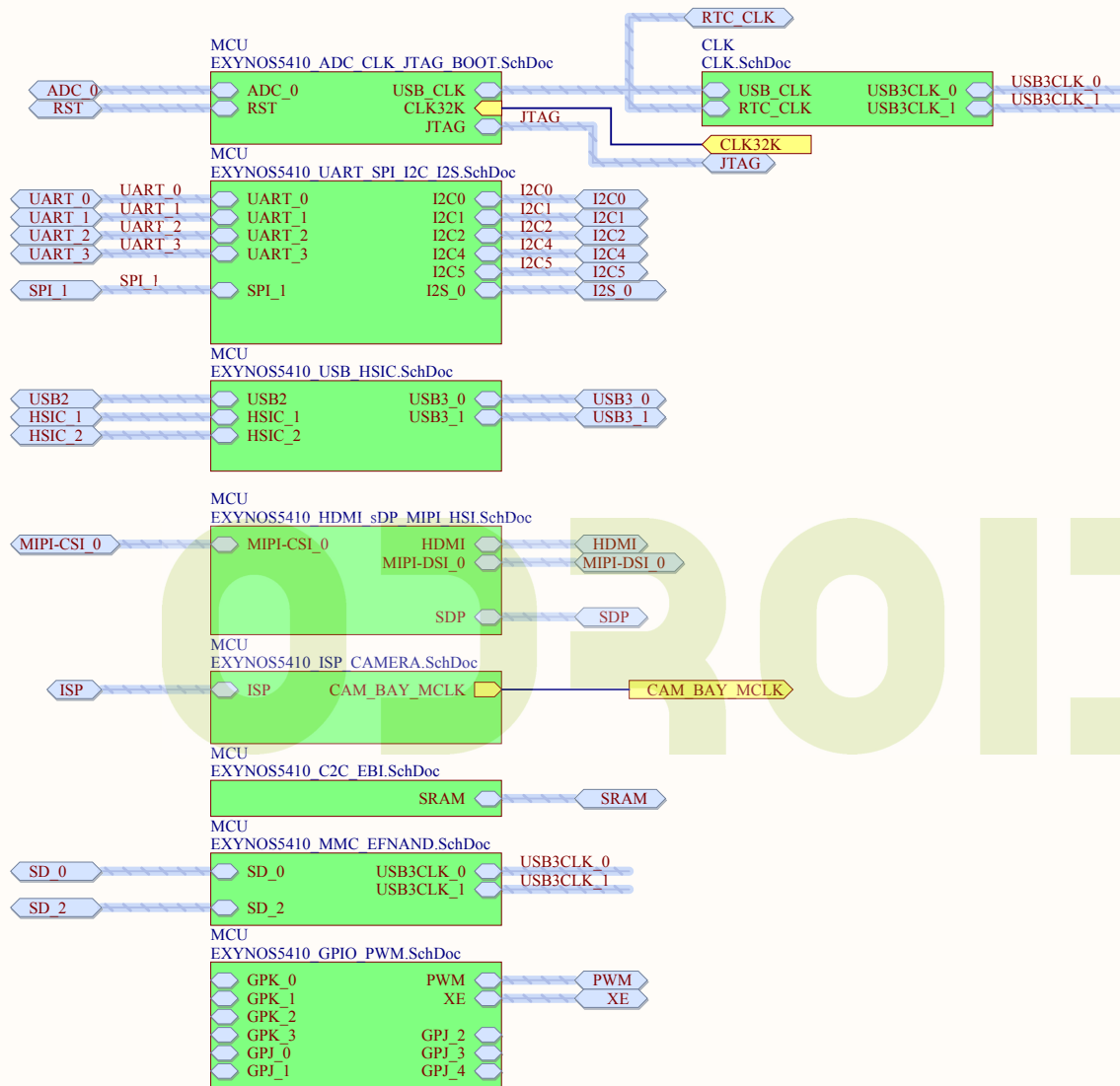
CON10		Header 15X2	
P5V0	1	2	UART_0.RTSN
ADC_0.AIN0	3	4	UART_0.RXD
UART_0.CTSN	5	6	UART_0.TXD
SPI_1.MISO	7	8	SPI_1.CLK
SPI_1.MISO	9	10	PWRON
SPI_1.CSN	11	12	XE.INT19
XE.INT13	13	14	XE.INT8
XE.INT10	15	16	XE.INT11
XE.INT14	17	18	XE.INT20
XE.INT22	19	20	XE.INT23
XE.INT21	21	22	XE.INT17
XE.INT18	23	24	XE.INT16
XE.INT15	25	26	
XE.INT25	27	28	
	29	30	
VDD_IO			

Mounting Holes

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

Heat Sink





MCU
EXYNOS5410_VDD_ARM_G3D_KFC.SchDoc

MCU
EXYNOS5410_VDD_DRAM_POP.SchDoc

MCU
EXYNOS5410_VSS.SchDoc

Title **MCU EXYNOS 5412**

Size: **A4**

Number: **2.**

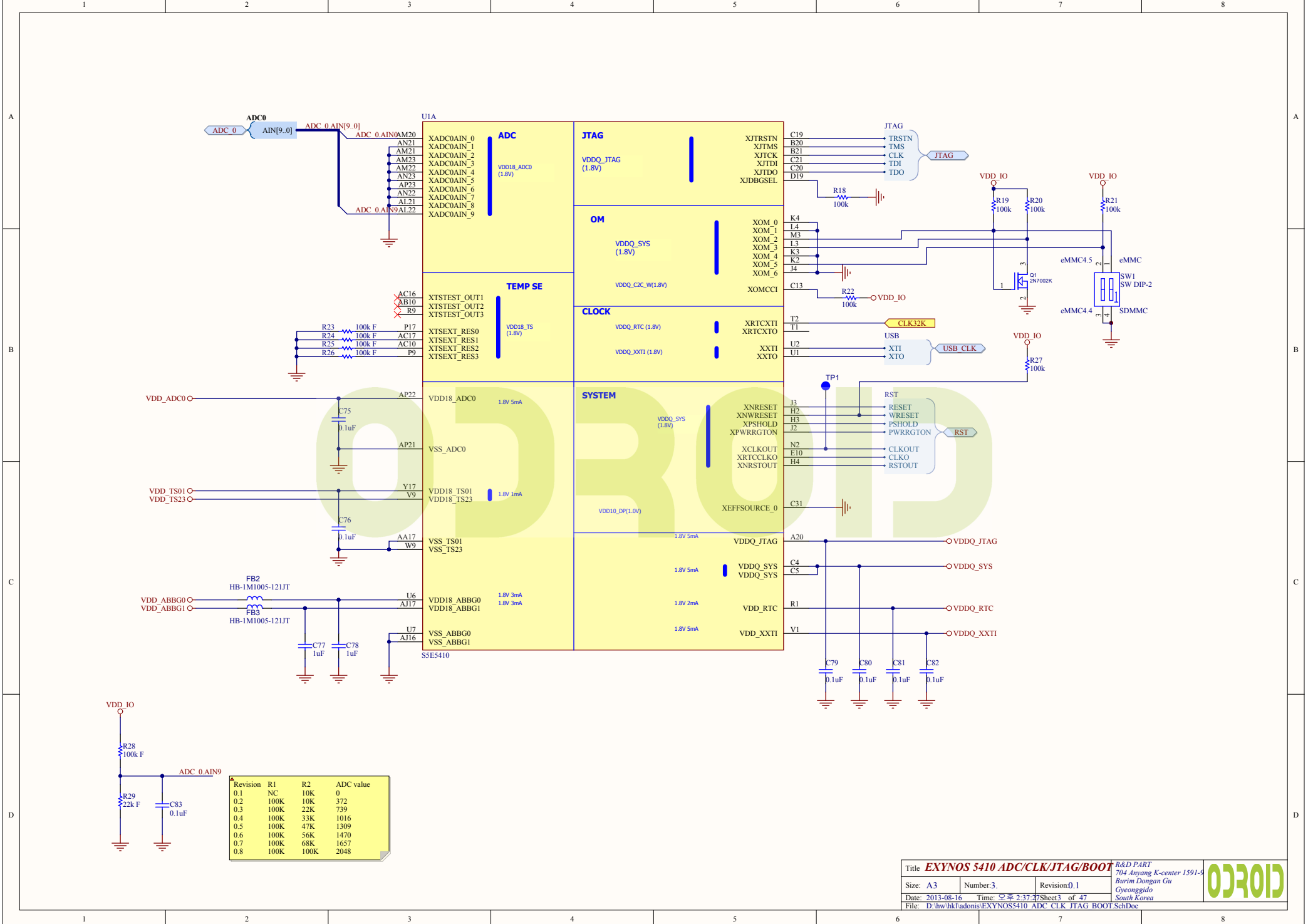
Revision: **0.1**

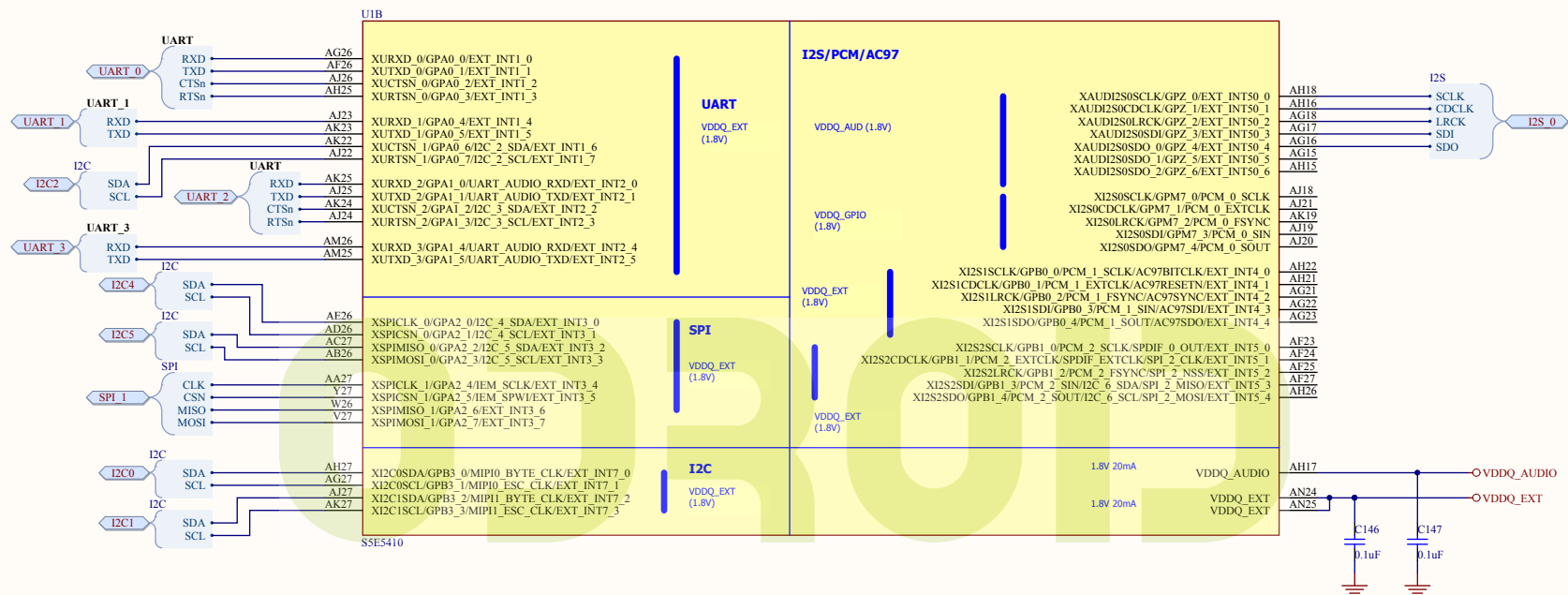
Date: **2013-08-16** Time: **오후 2:37:27** Sheet **2** of **47**

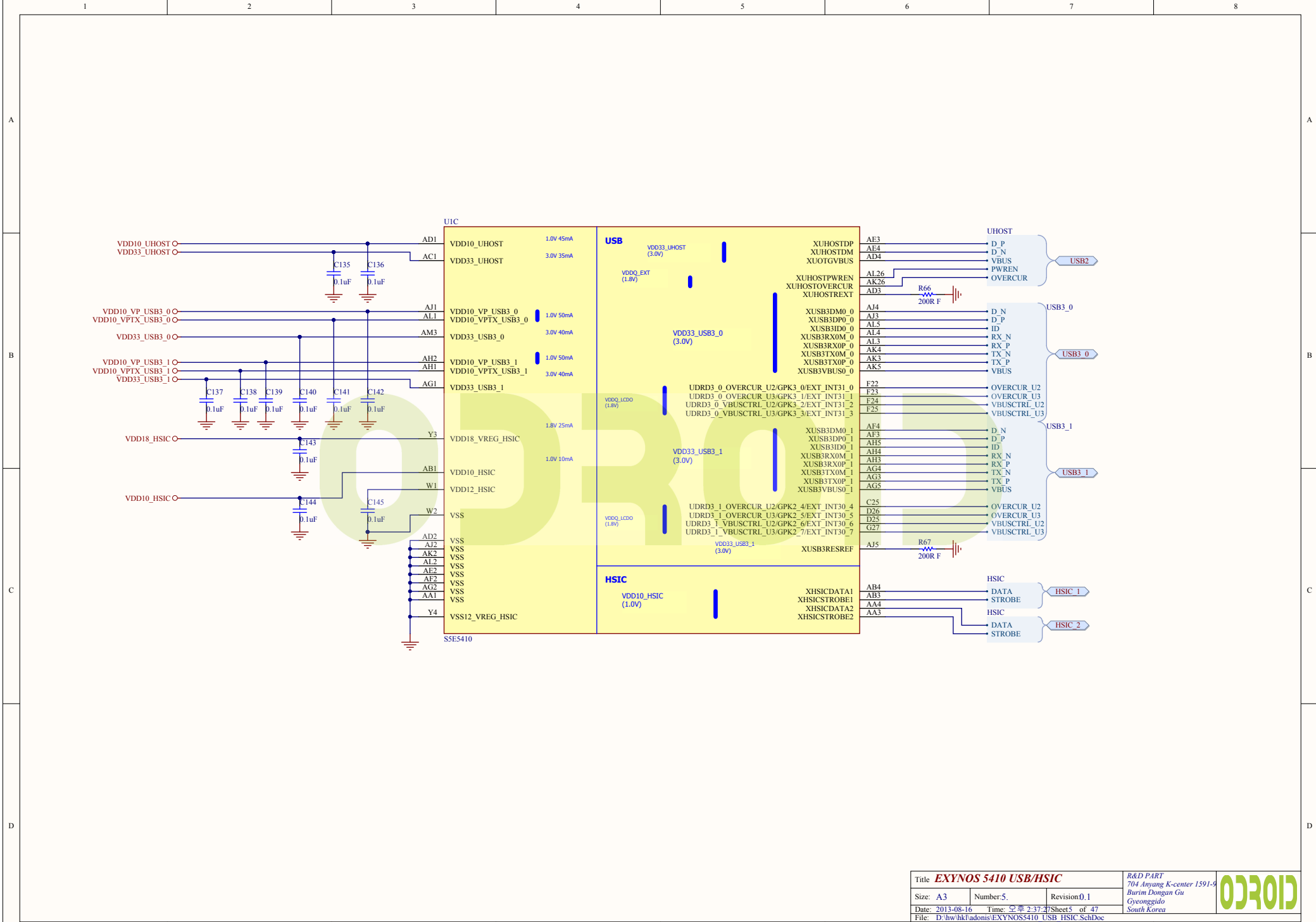
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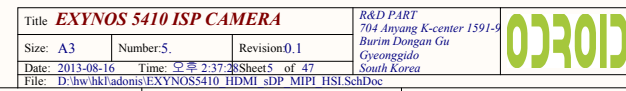
R&D PART
704 Anyang K-center 1591-9
Burim Dongan Gu
Gyeonggido
South Korea

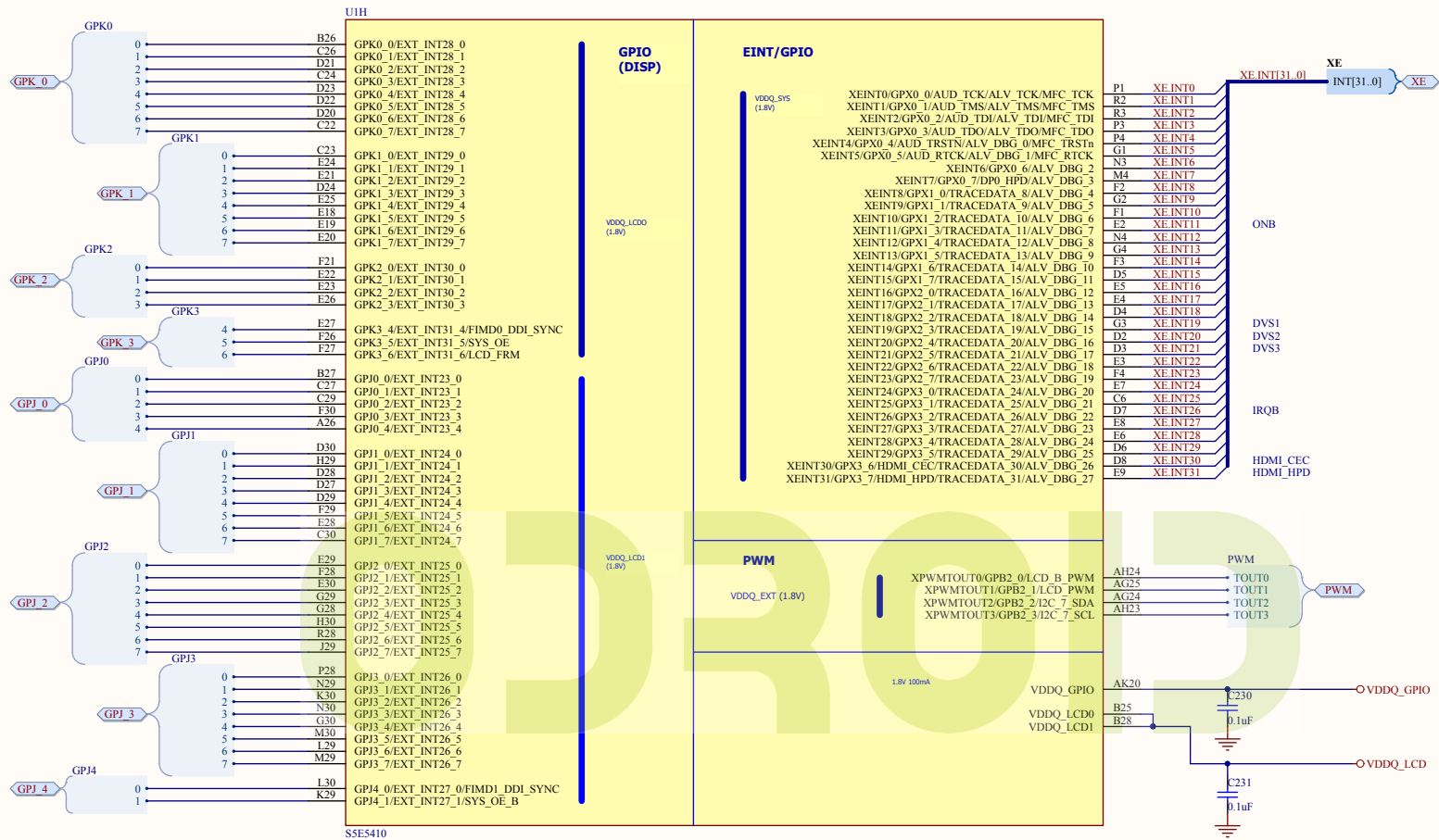
DROID

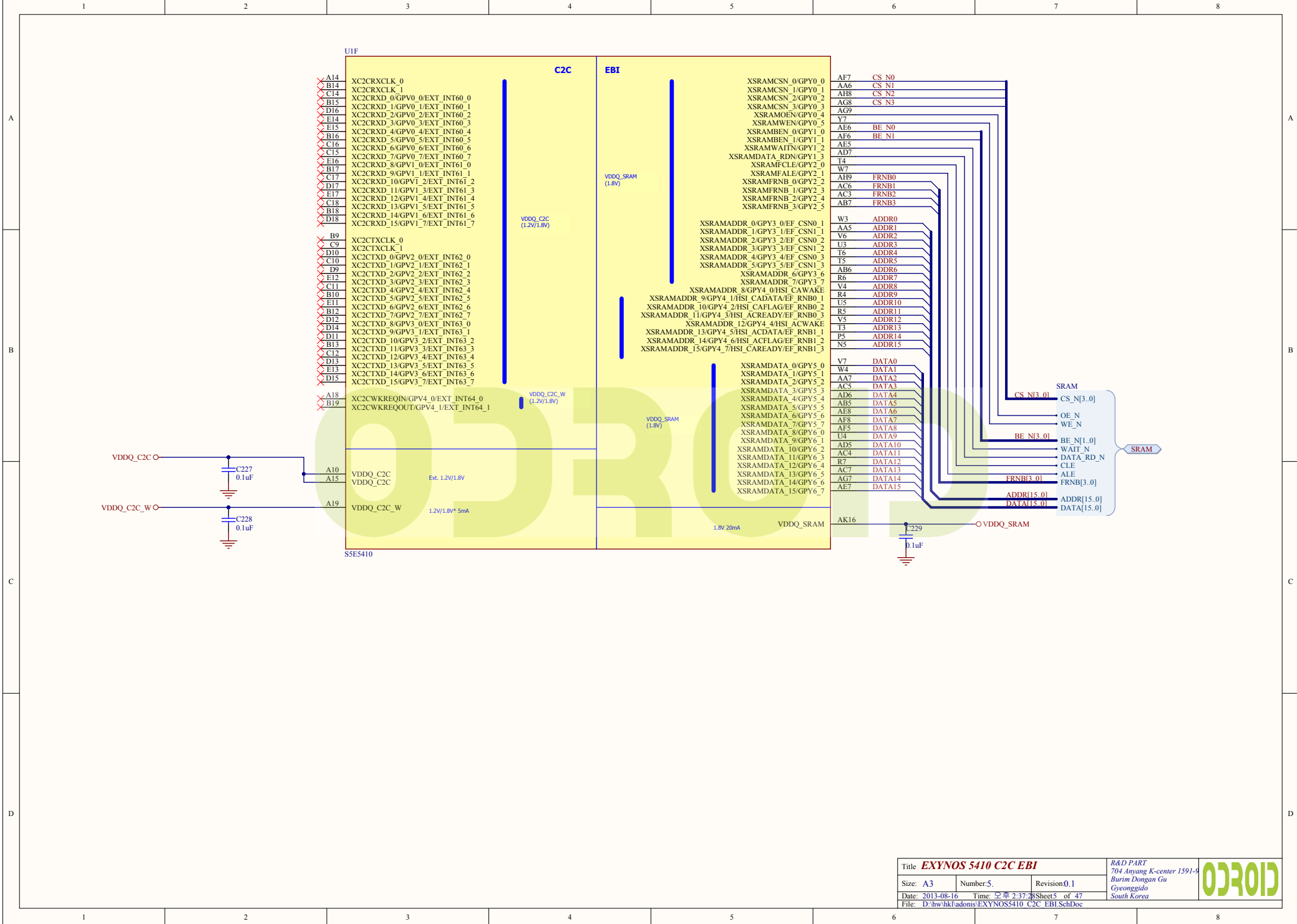


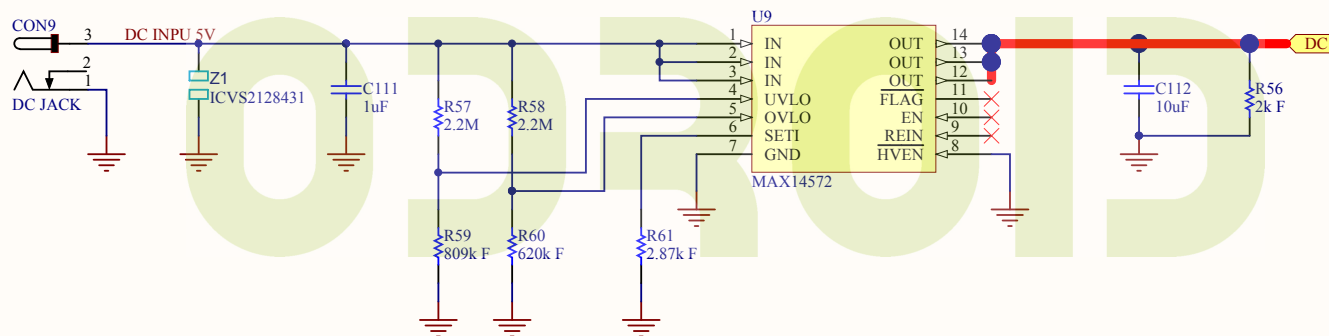





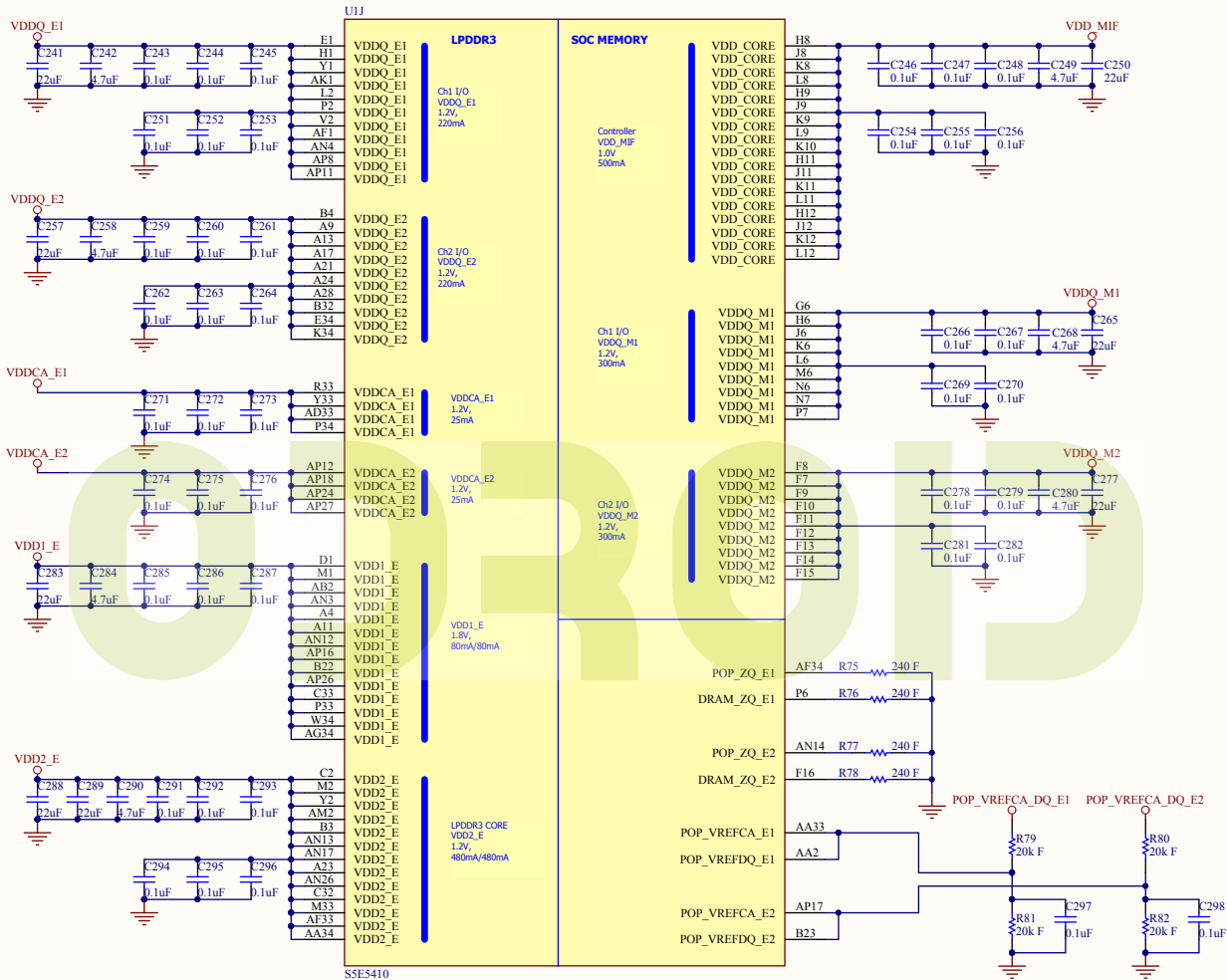


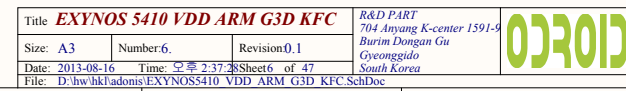


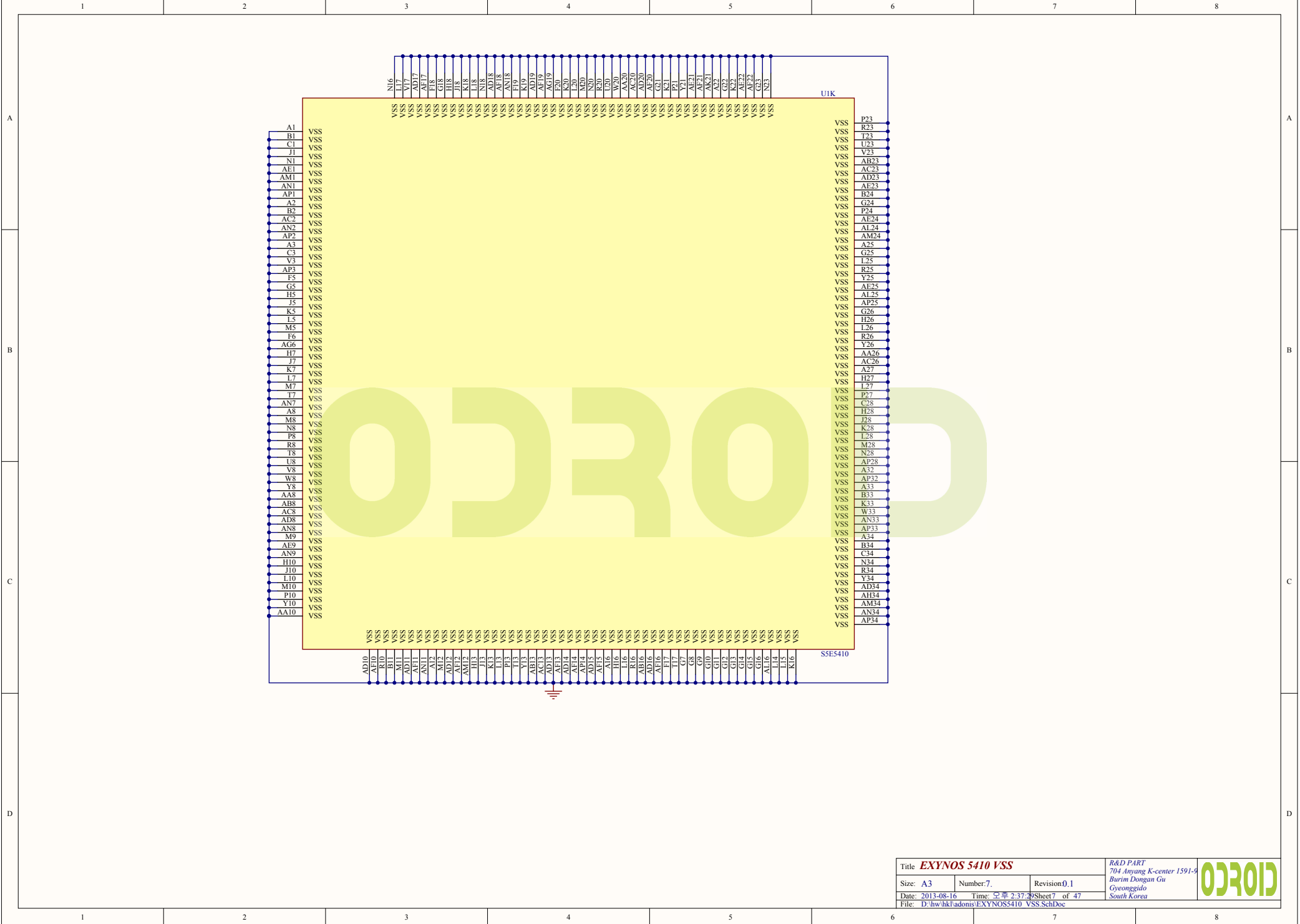




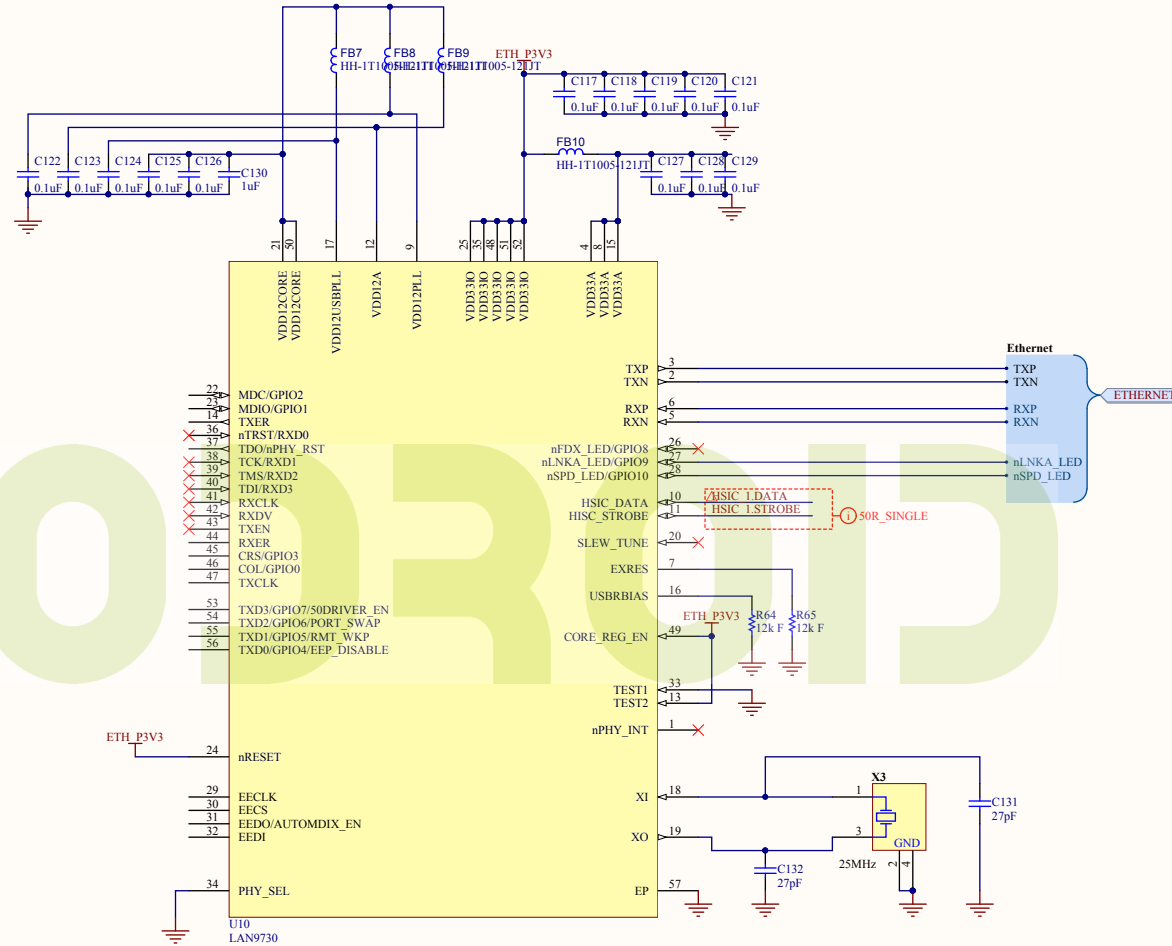
Title DC Jack and Potetion IC			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:5.	Revision:0.1		
Date: 2013-08-16	Time: 오후 2:37:28	Sheet5 of 47		
File: D:\hw\hkl\adonis\CON DCJACK.SchDoc				

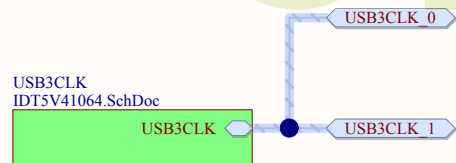
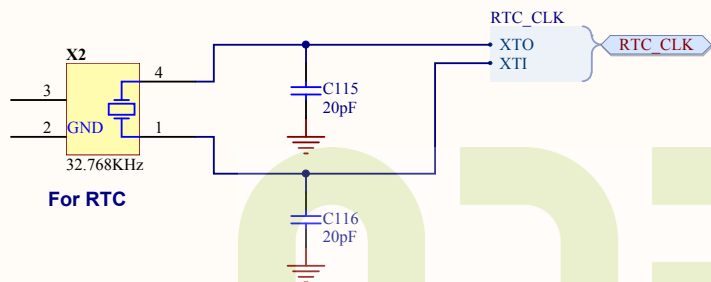
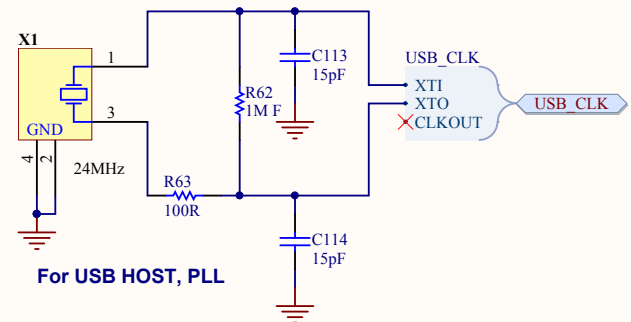






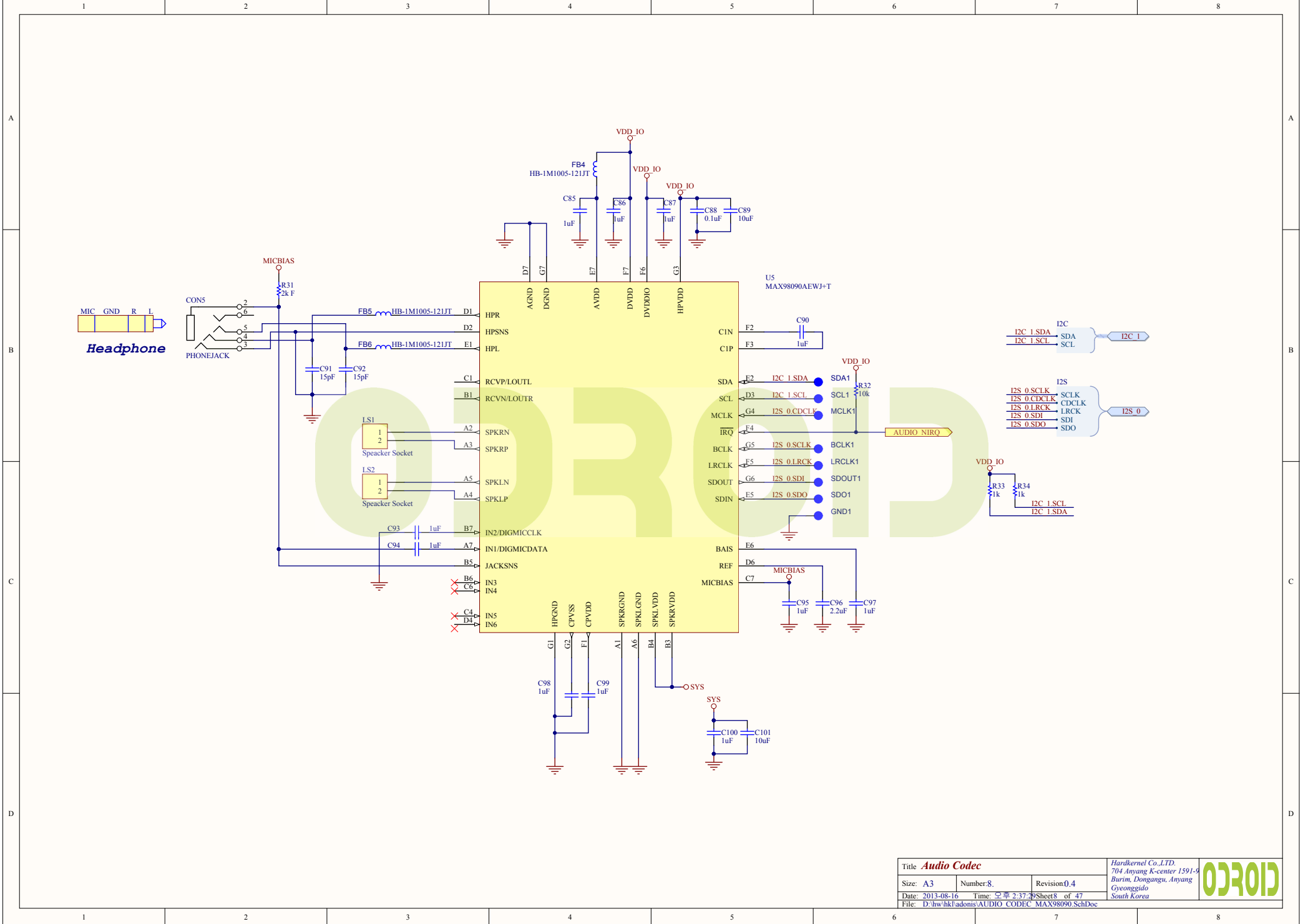
HSIC HSIC



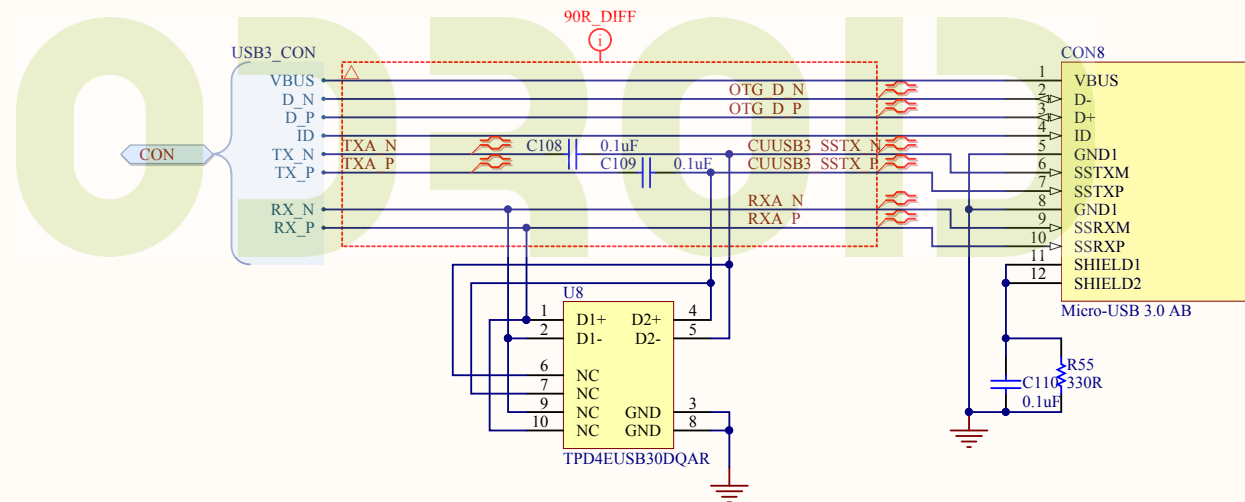


Title CLK			R&D PART
Size: A4	Number:8.	Revision:0.2	704 Anyang K-center 1591-9
Date: 2013-08-16	Time: 오후 2:37:29	Sheet 8 of 47	Burim Dongan Gu
File: D:\hw\hkl\adonis\CLK.SchDoc			Gyeongdo
			South Korea

OSIRIS

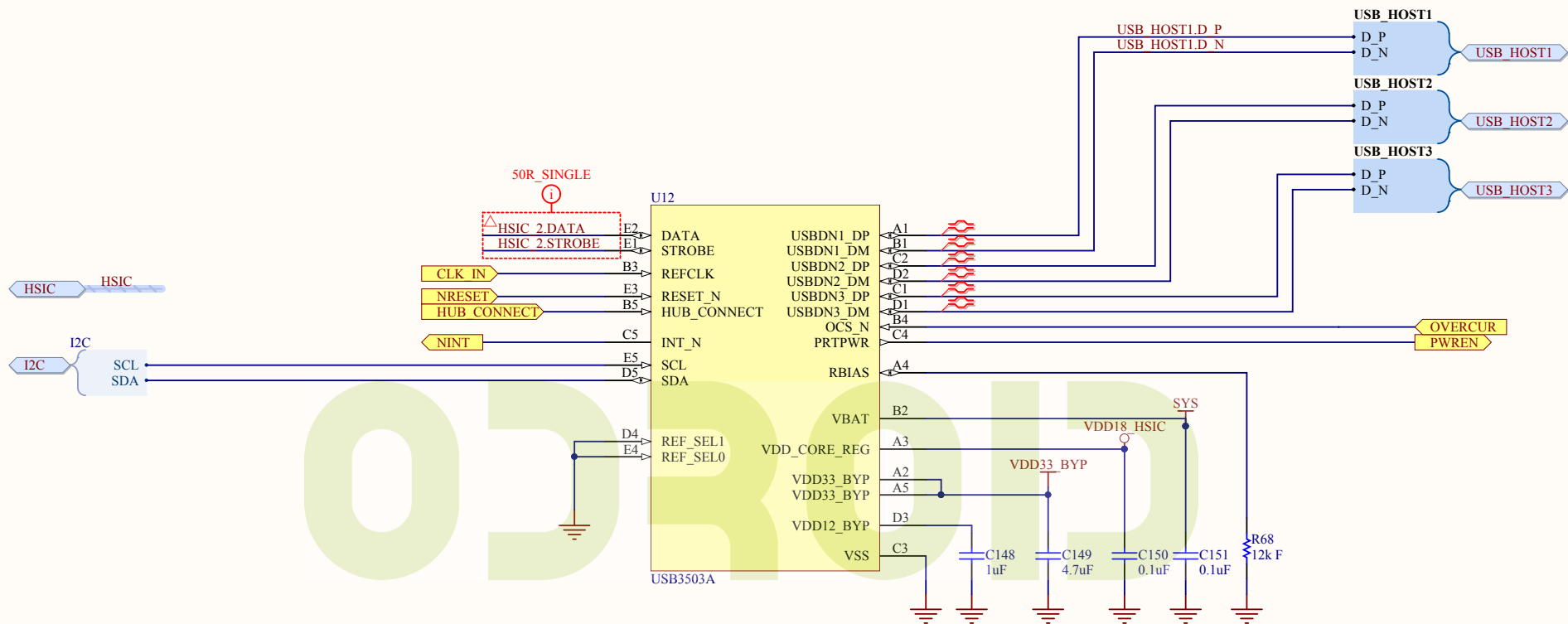







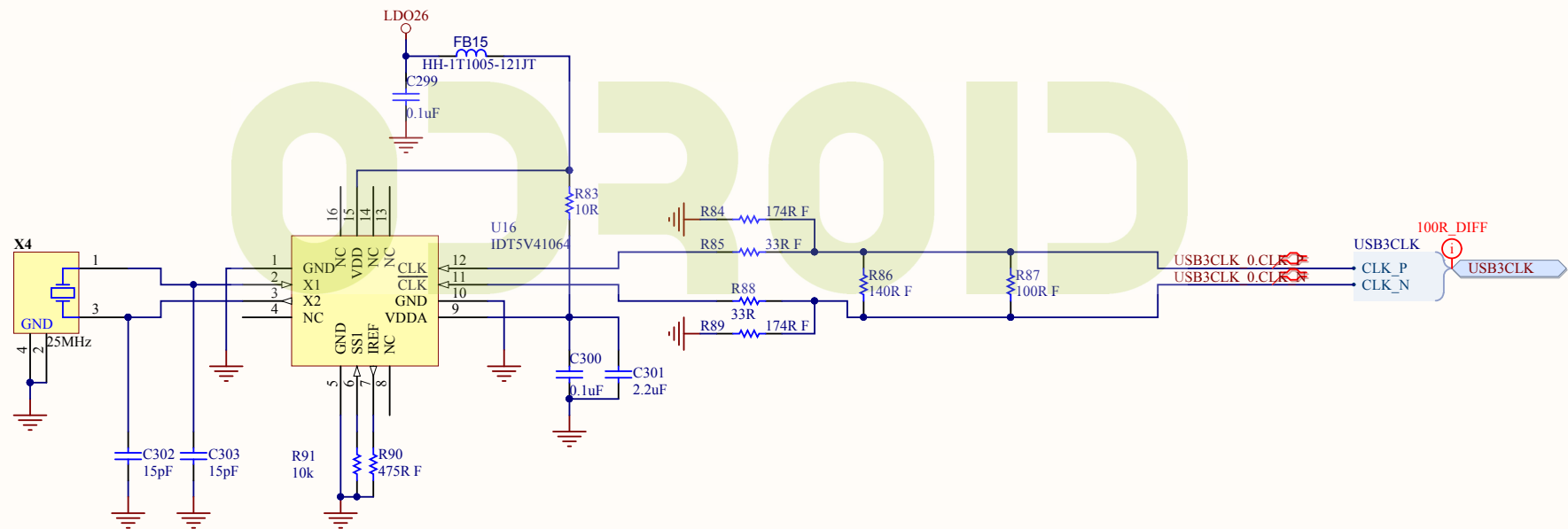
Title <i>Micro USB 3.0 Connector</i>			<div>Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Kyeonggido South Korea</div> <div>안드로이드</div>
Size: A4	Number:9.	Revision:0.1	
Date: 2013-08-16	Time: 오후 2:37:29	Sheet9 of 47	
File: D:\hw\hkl\adonis\CON_USB3_MICROUSB.SchDoc			


ODROID



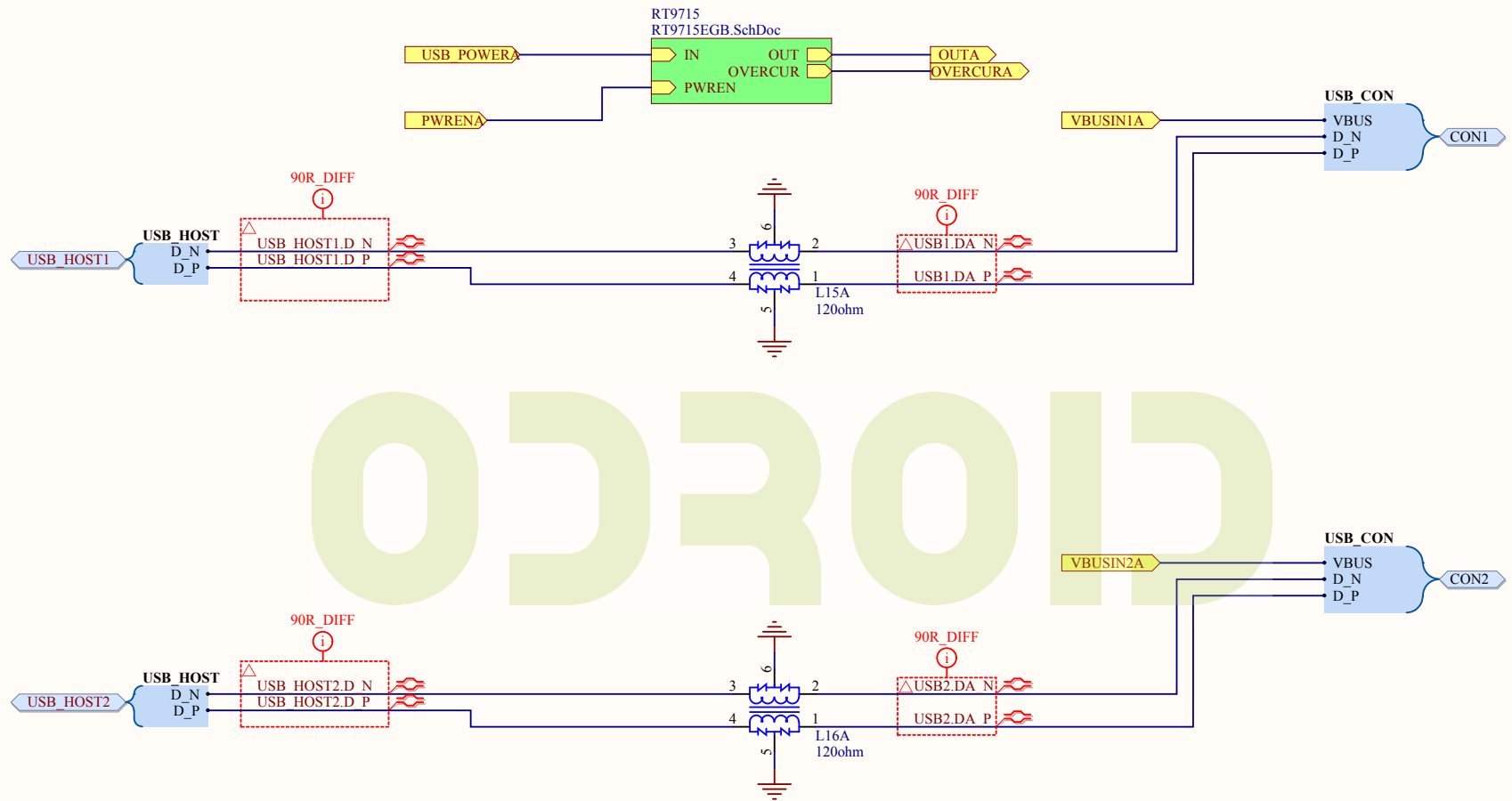
Title HSIC USB HUB			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number: 10.	Revision: 0.2		
Date: 2013-08-16	Time: 오후 2:37:29	Sheet 10 of 47		
File: D:\hw\hkl\adonis\USB HUB USB3503A.SchDoc				

03ROID



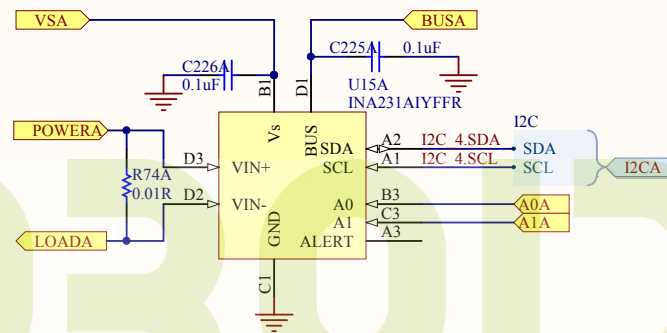
Title USB3 Reference Clock			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number: 10.	Revision: 0.2		
Date: 2013-08-16	Time: 오후 2:37:30	Sheet 10 of 47		
File: D:\hw\hkl\adonis\IDT5V41064.SchDoc				





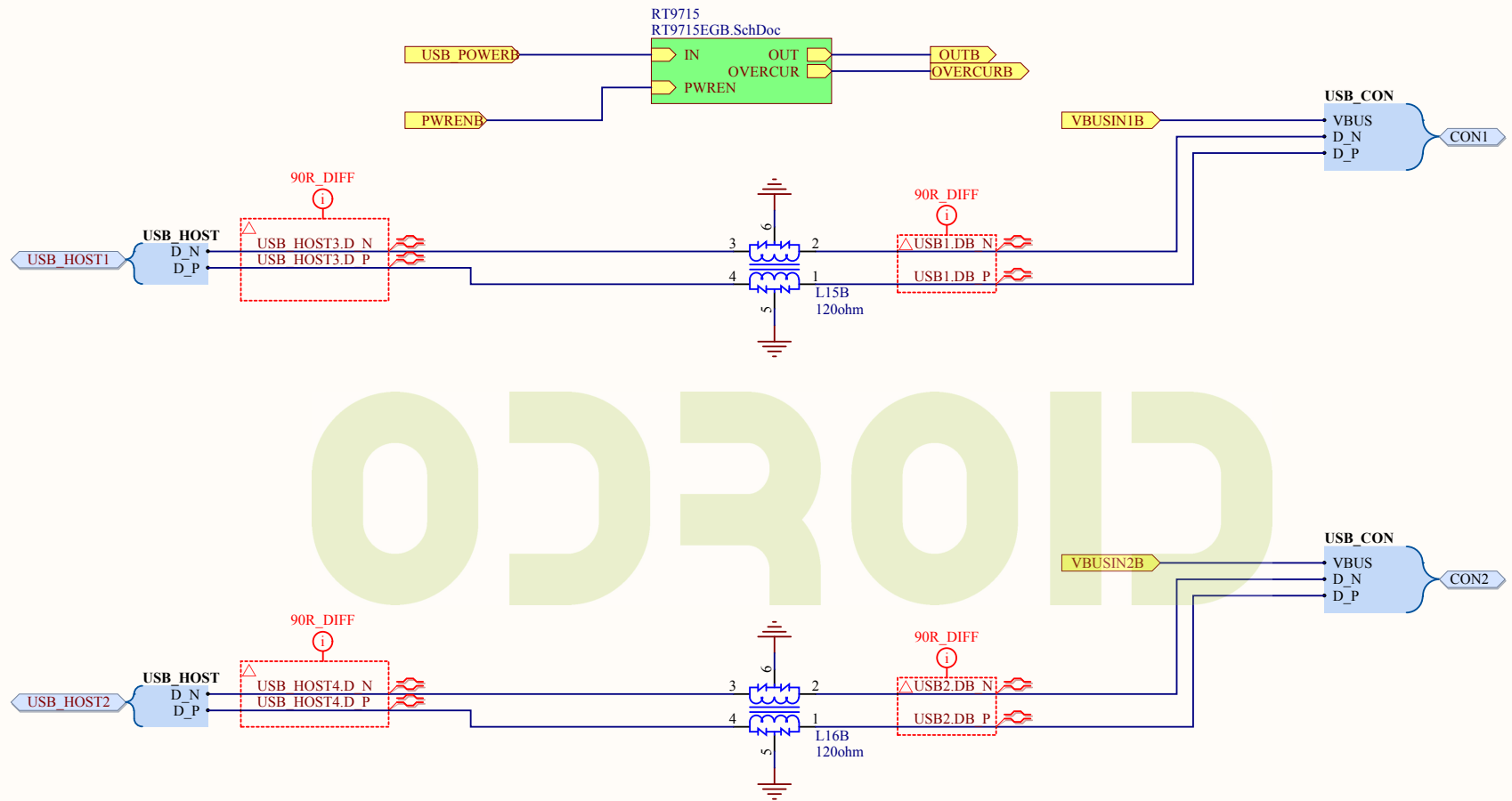
Title USB HOST Power Switch			<div>Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea</div> <div>ANDROID</div>
Size: A4	Number:10.1	Revision:0.4	
Date: 2013-08-16	Time: 오후 2:37:30	Sheet10. bf 47	
File: D:\hw\hkl\adonis\USB HOST PWR SW RT9715.SchDoc			






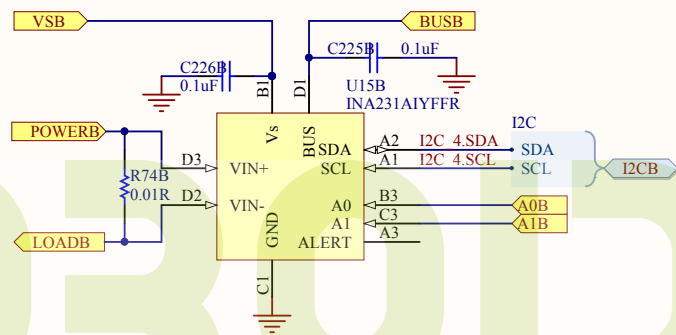
Title Current Sensor			Hardkernel Co.,LTD.	
Size: A4	Number:10.1	Revision:0.2	704 Anyang K-center 1591-9	
Date: 2013-08-16	Time: 오후 2:37:30	Sheet10. bf 47	Burim, Dongangu, Anyang	
File: D:\hw\hkl\adonis\INA231.SchDoc			Kyeongdo	
			South Korea	

하드커널



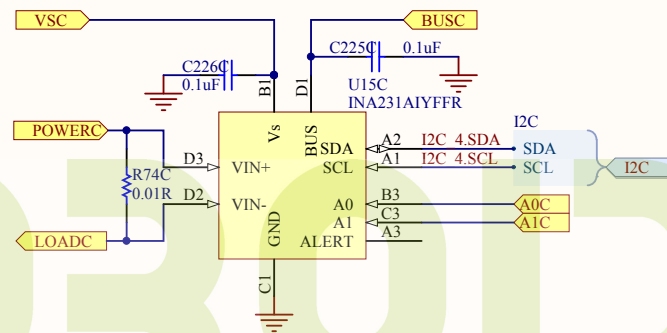
Title <i>USB HOST Power Switch</i>			<i>Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea</i>	
Size: A4	Number: 10.2	Revision: 0.4		
Date: 2013-08-16	Time: 오후 2:37:30	Sheet 10.2 of 47		
File: D:\hw\hkl\adonis\USB HOST PWR SW RT9715.SchDoc				





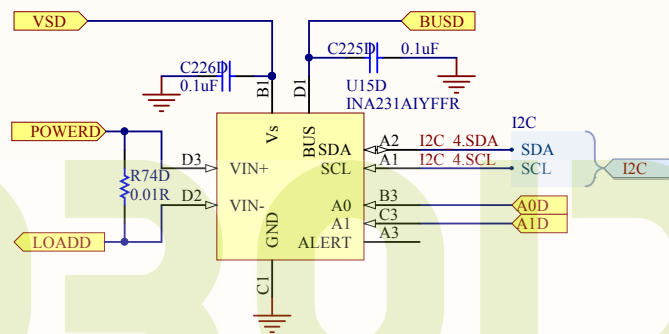
Title Current Sensor			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:10.2	Revision:0.2		
Date: 2013-08-16	Time: 오후 2:37:30	Sheet 10 of 47		
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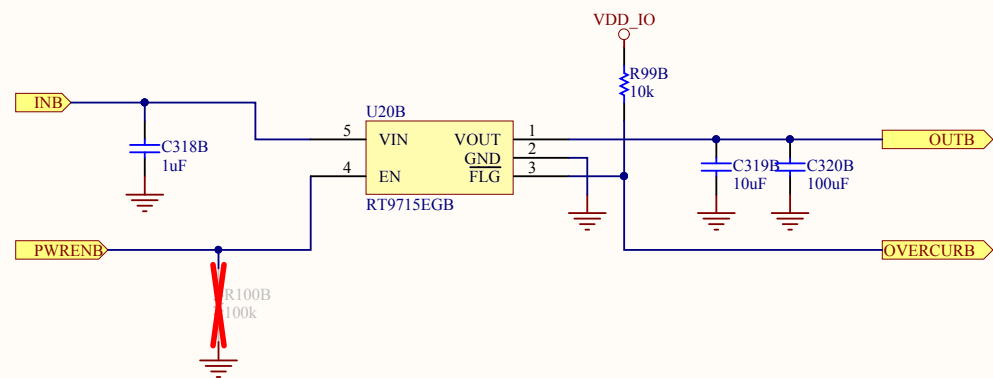
Title Current Sensor			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:10.3	Revision:0.2		
Date: 2013-08-16	Time: 오후 2:37:30	Sheet 10 of 47		
File: D:\hw\hkl\adonis\INA231.SchDoc				


하드커널



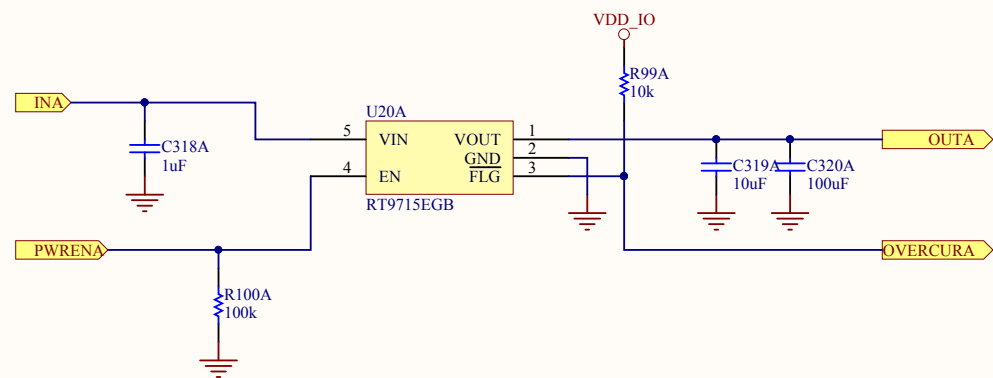
Title Current Sensor			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:10.4	Revision:0.2		
Date: 2013-08-16	Time: 오후 2:37:30	Sheet 10.4 of 47		
File: D:\hw\hkl\adonis\INA231.SchDoc				

하드커널




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: 2013-08-16	Time: 오후 2:37:30	Sheet 10. bff 47		
File: D:\hw\hkl\adonis\RT9715EGB.SchDoc				

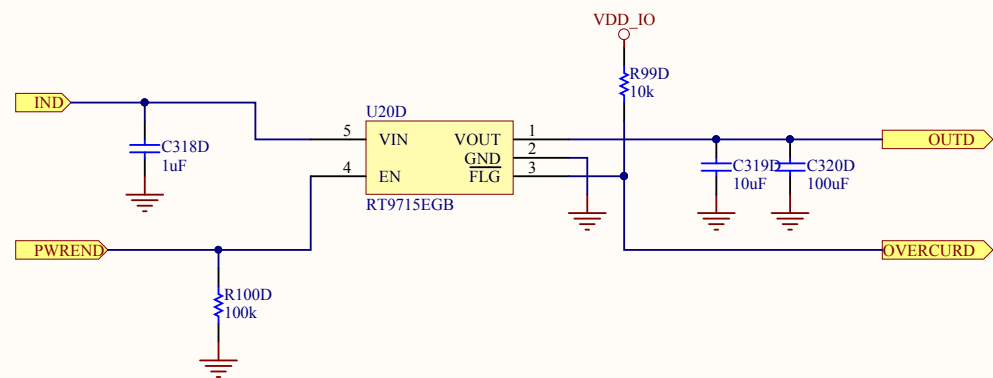
하드커널



03010

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: 2013-08-16	Time: 오후 2:37:30	Sheet 10. of 47		
File: D:\hw\hkl\adonis\RT9715EGB.SchDoc				

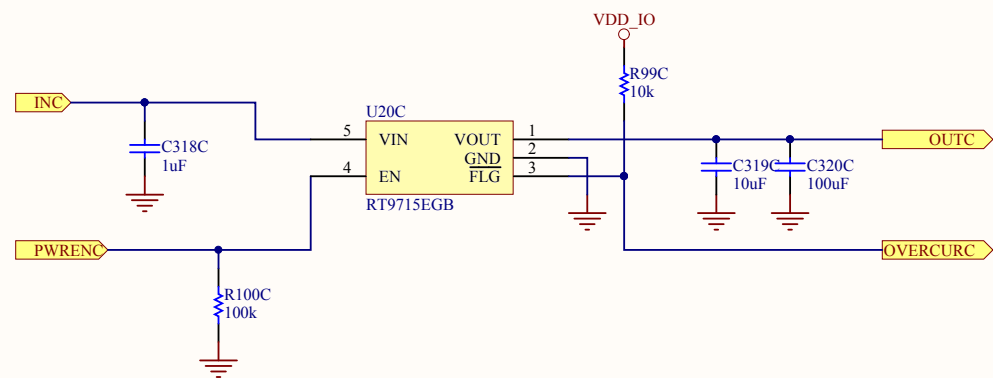
03010




003010

Title USB HOST Power Switch			<div>Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea</div> <div>03010</div>
Size: A4	Number:10.2.1	Revision:0.4	
Date: 2013-08-16	Time: 오후 2:37:30	Sheet 10 of 47	
File: D:\hw\hkl\adonis\RT9715EGB.SchDoc			

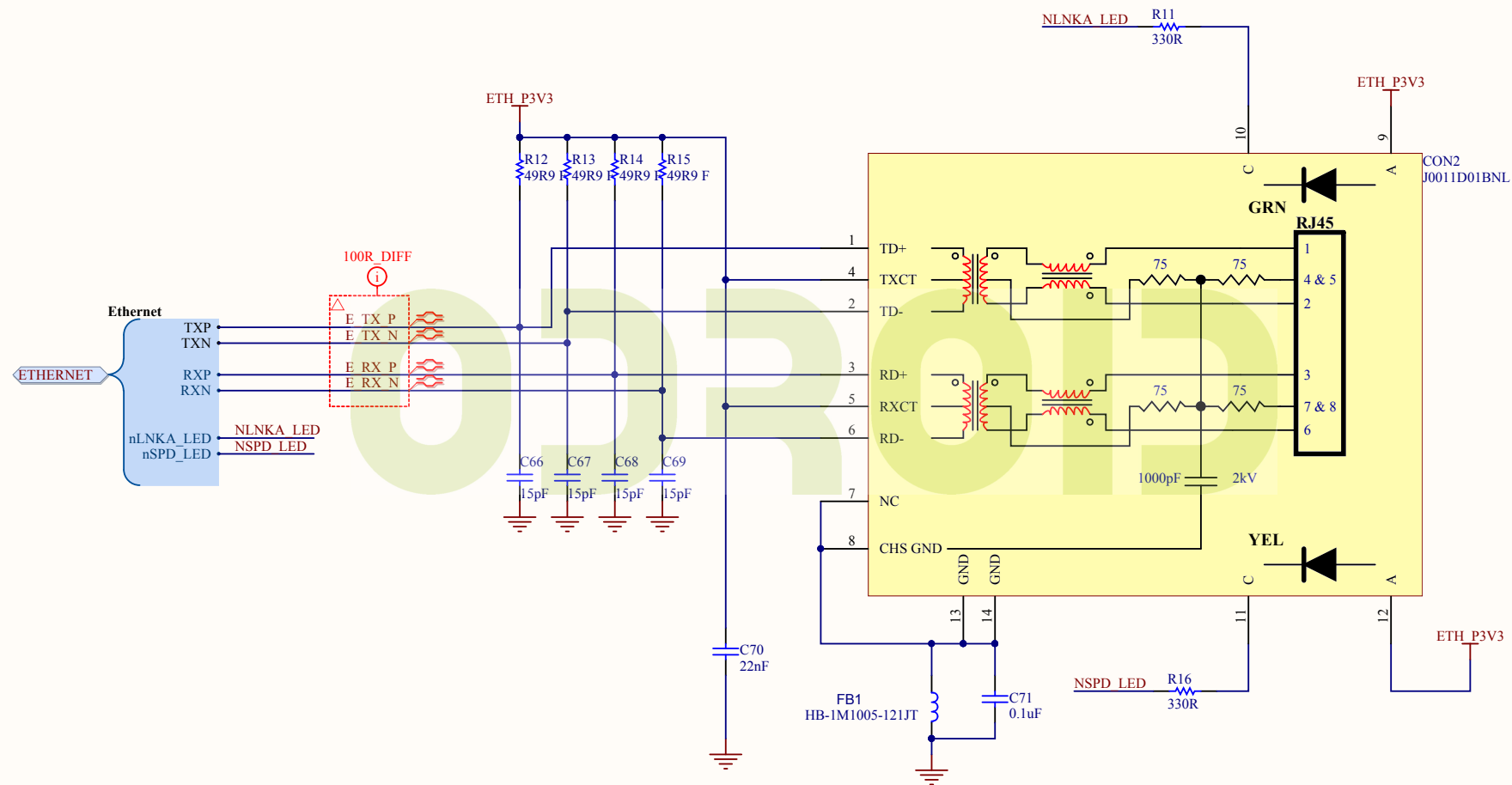
003010




05R010

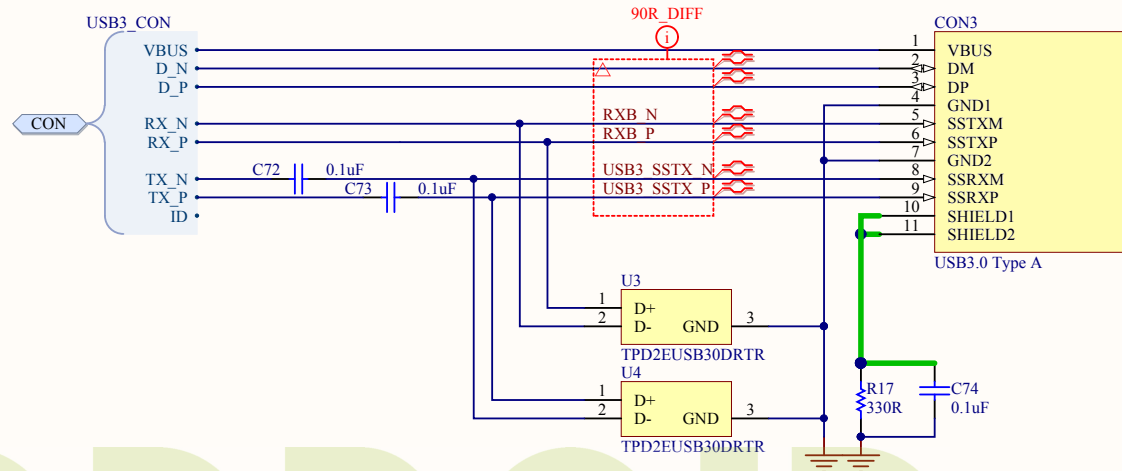
Title USB HOST Power Switch			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:10.2.1	Revision:0.4		
Date: 2013-08-16	Time: 오후 2:37:30	Sheet 10 of 47		
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05R010



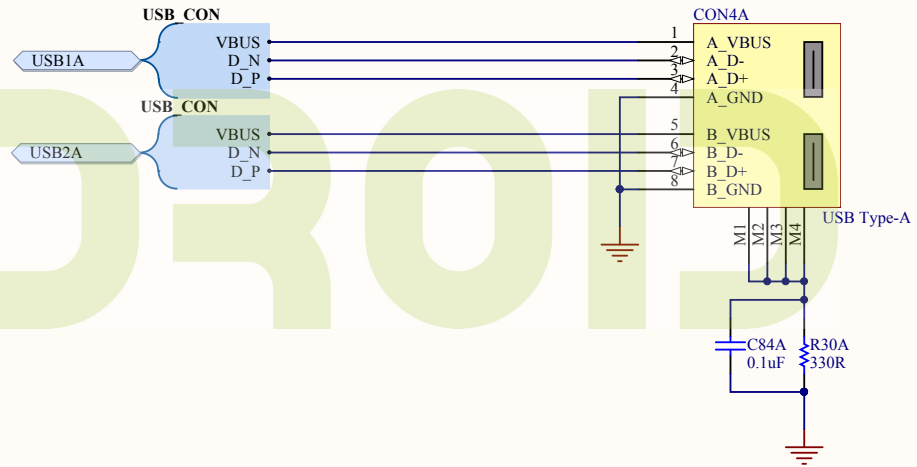
Title <i>Ethernet Connector</i>			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Birim, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:11.	Revision:0.1		
Date: 2013-08-16	Time: 오후 2:37:31	Sheet 11 of 47		
File: D:\hw\hkl\adonis\CON_EtherNET.SchDoc				

ODROID

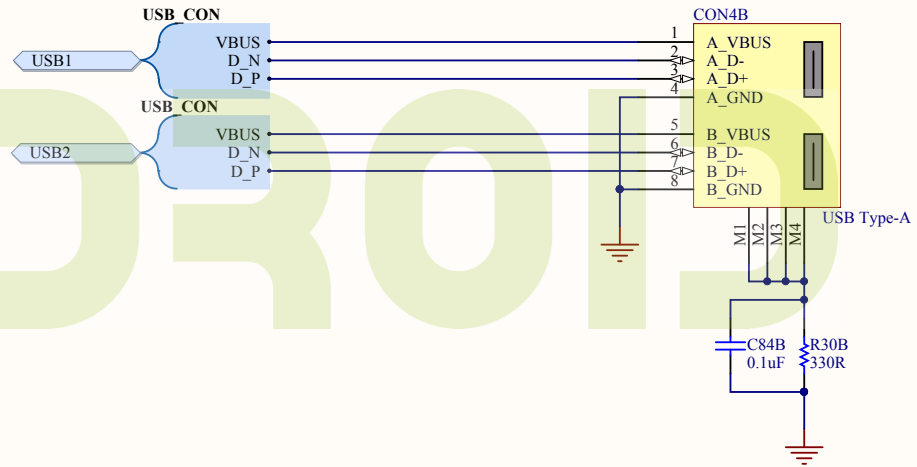


Title USB 3.0 Type A Connector			<div>Hardkernel Co.,LTD. 1-605 Shinan Metrokhan 1115 Dalandong, Dongangu, Anyang Gyeonggido South Korea</div> <div>ANDROID</div>
Size: A4	Number:12.	Revision:0.1	
Date: 2013-08-16	Time: 오후 2:37:31	Sheet 12 of 47	
File: D:\hw\hkl\adonis\CON USB3 RA.SchDoc			

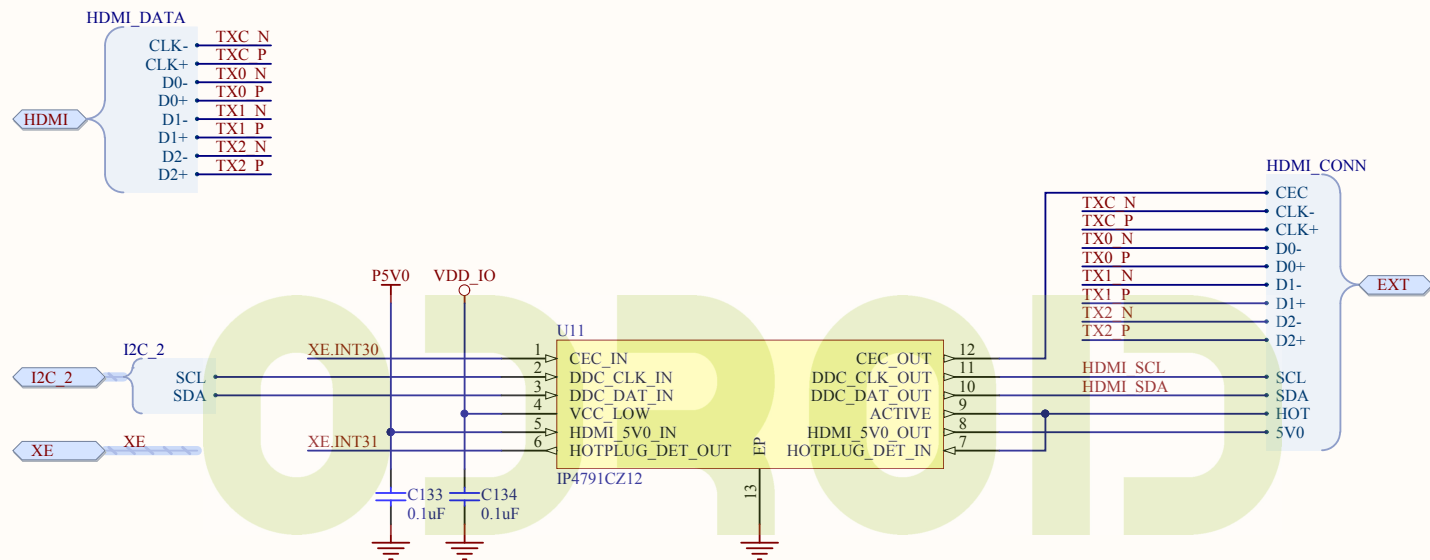
하드커널




Title USB 2.0 Type A Connector			<div>Hardkernel Co.,LTD. 1-605 Shinan Metrokhan 1115 Dalandong, Dongangu, Anyang Gyeonggido South Korea</div> <div>003012</div>
Size: A4	Number:12.1	Revision:0.4	
Date: 2013-08-16	Time: 오후 2:37:31	Sheet 12.bf 47	
File: D:\hw\hkl\adonis\CON_USB_RA_DUAL.SchDoc			

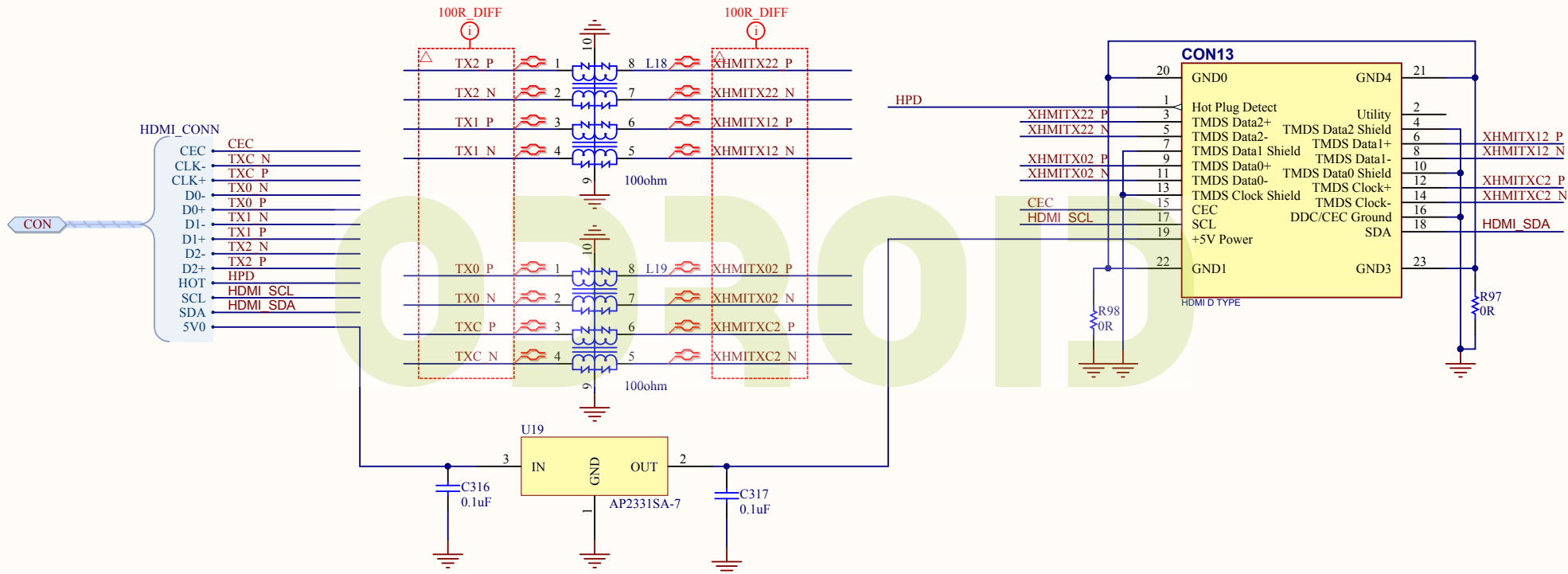



Title USB 2.0 Type A Connector			<div>Hardkernel Co.,LTD. 1-605 Shinan Metrokhan 1115 Dalandong, Dongangu, Anyang Gyeonggi-do South Korea</div> <div>003012</div>
Size: A4	Number: 12.2	Revision: 0.4	
Date: 2013-08-16	Time: 오후 2:37:31	Sheet 12.2 of 47	
File: D:\hw\hkl\adonis\CON_USB_RA_DUAL.SchDoc			



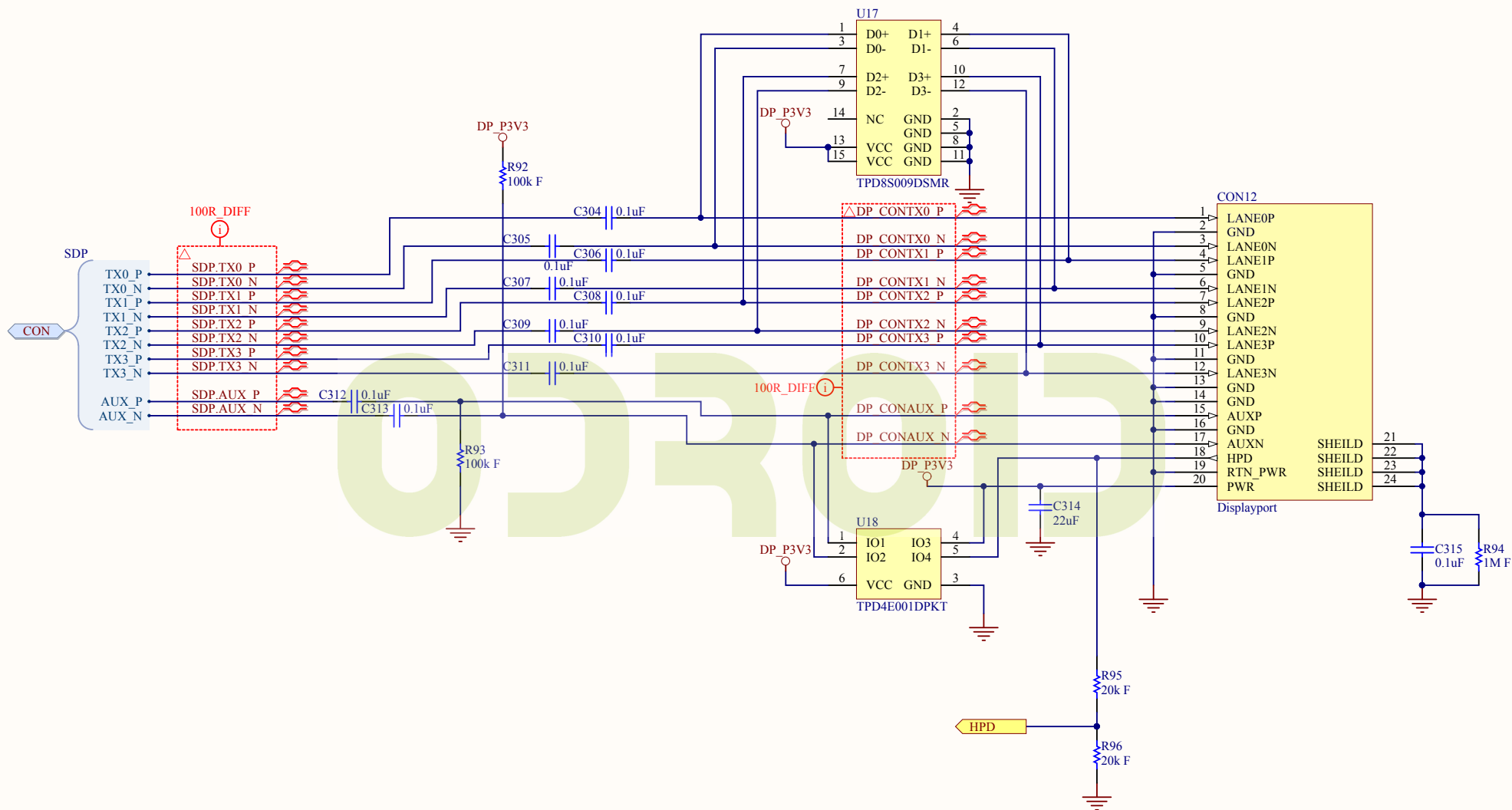
Title HDMI 2C			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Kyeonggido South Korea	
Size: A4	Number:13.	Revision:0.4		
Date: 2013-08-16	Time: 오후 2:37:31	Sheet 13 of 47		
File: D:\hw\hkl\adonis\HDMI I2C.SchDoc				

03R010



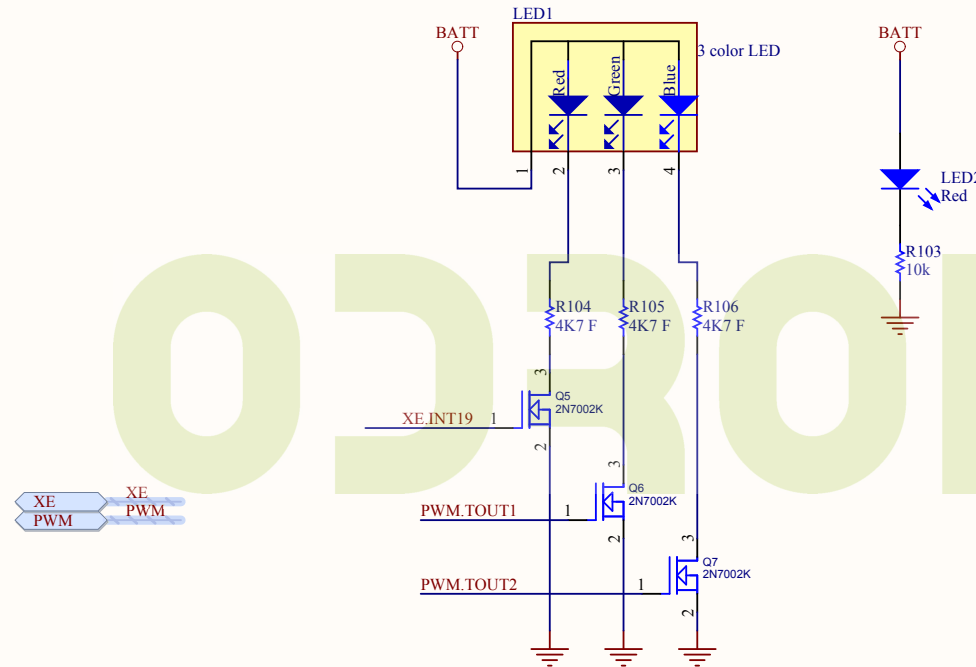
Title <i>Micro HDMI Connector</i>			<i>Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Kyeonggido South Korea</i>	
Size: A4	Number: 14.	Revision: 0.4		
Date: 2013-08-16	Time: 오후 2:37:31	Sheet 14 of 47		
File: D:\hw\hkl\adonis\CON_HDMI.SchDoc				





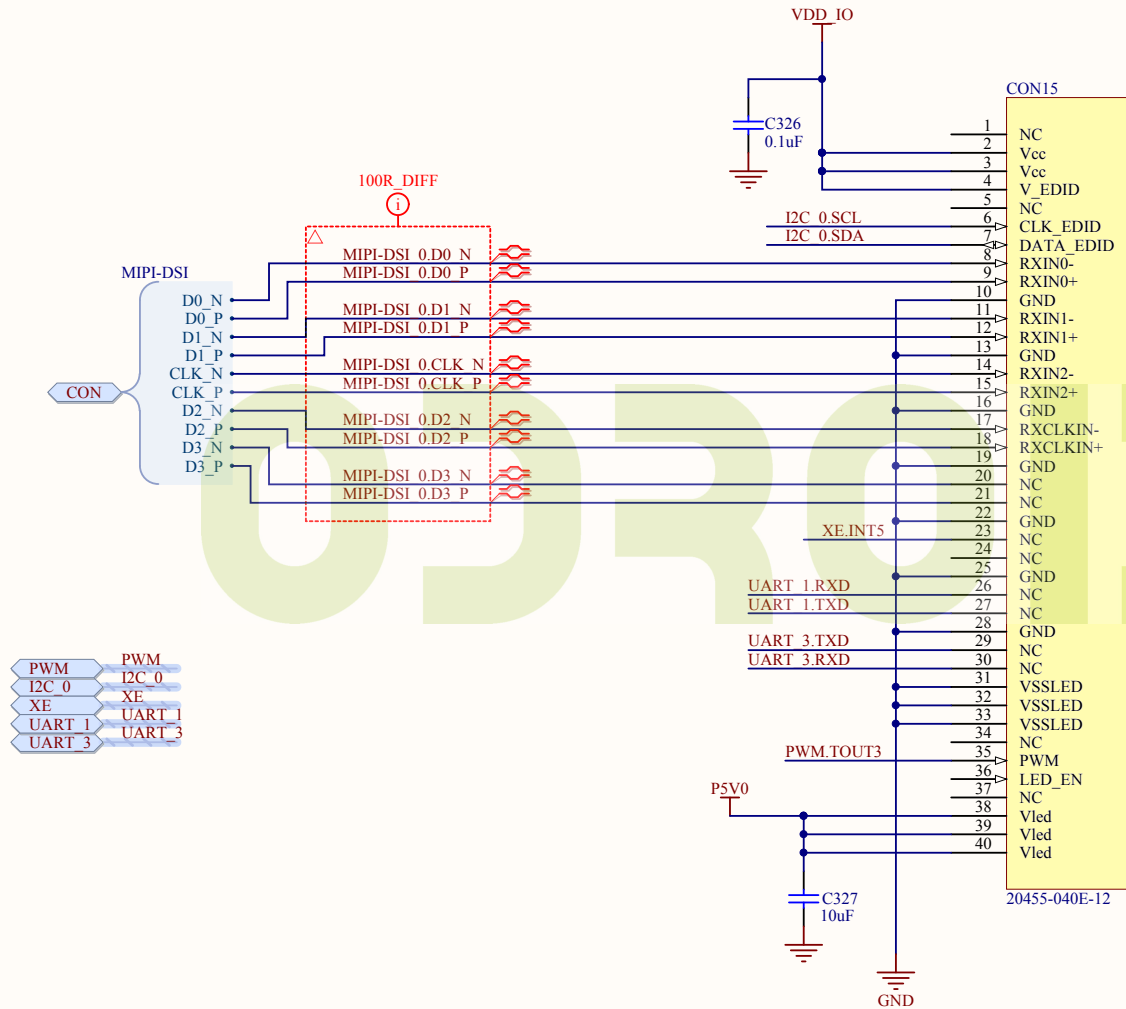
Title DisplayPort Connector			Hardkernel Co.,LTD.
Size: A4	Number:14.	Revision:0.1	704 Anyang K-center 1591-9
Date: 2013-08-16	Time: 오후 2:37:31	Sheet 14 of 47	Burim, Dongangu, Anyang
File: D:\hw\hkl\adonis\CON_DISPAYPORT.SchDoc			Kyeonggido
			South Korea

ODROID



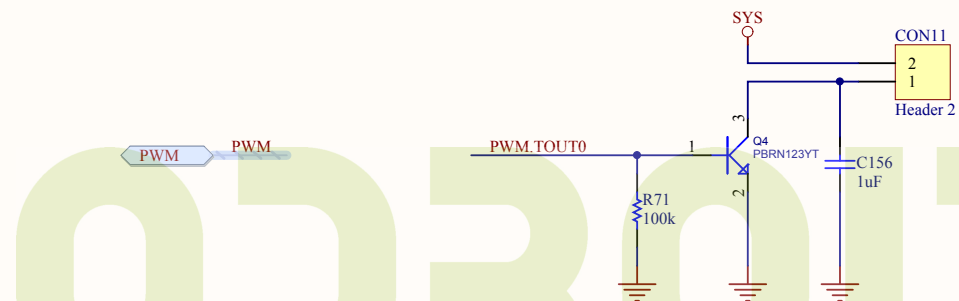
Title LEDs			Hardkernel Co.,LTD.
Size: A4	Number:16.	Revision:0.1	704 Anyang K-center 1591-9
Date: 2013-08-16	Time: 오후 2:37:31	Sheet 16 of 47	Burim Dongan Gu
File: D:\hw\hkl\adonis\XU_LEDS.SchDoc			Gyeongido
			South Korea

03R016



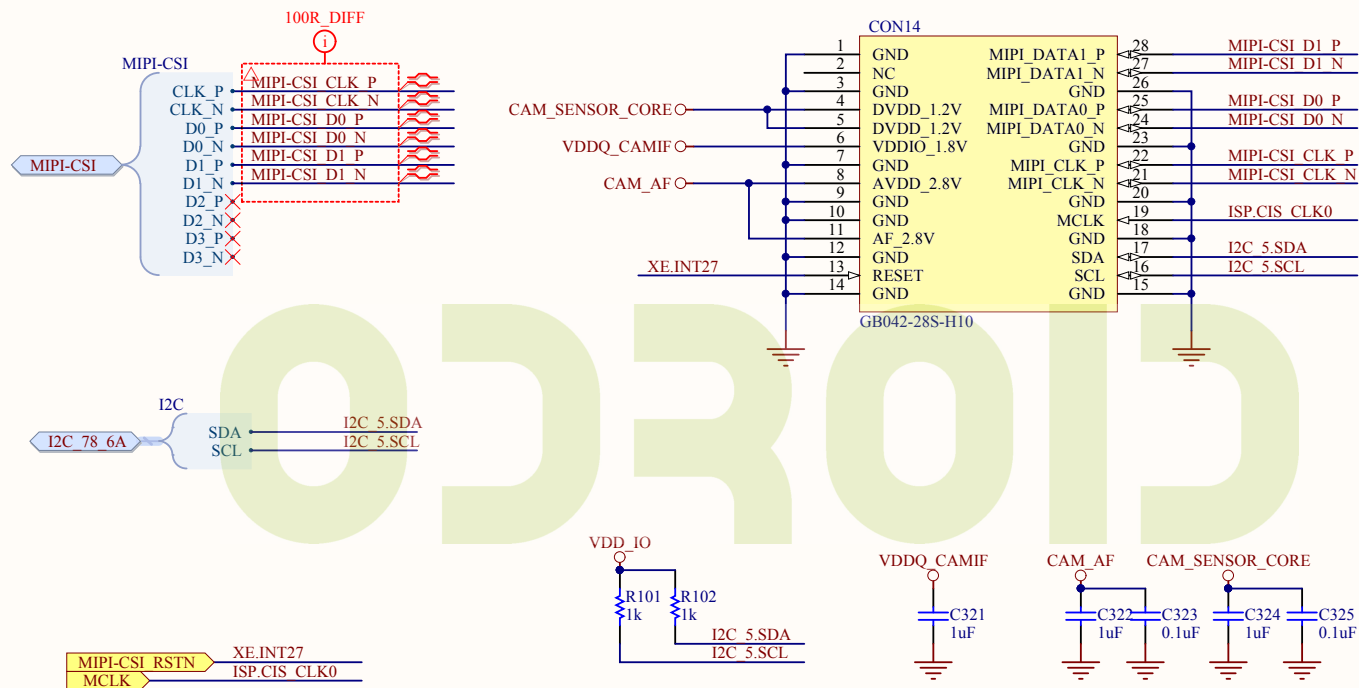
Title LCD Connector			Hardkernel Co.,LTD.
Size: A4	Number: 16.	Revision: 0.5	704 Anyang K-center 1591-9
Date: 2013-08-16	Time: 오후 2:37:32	Sheet 16 of 47	Burim, Dongangu, Anyang
File: D:\hw\hkl\adonis\CON_LCD_IPEX_20455-040E-12.SchDoc			Kyeongdo
			South Korea

03R01D

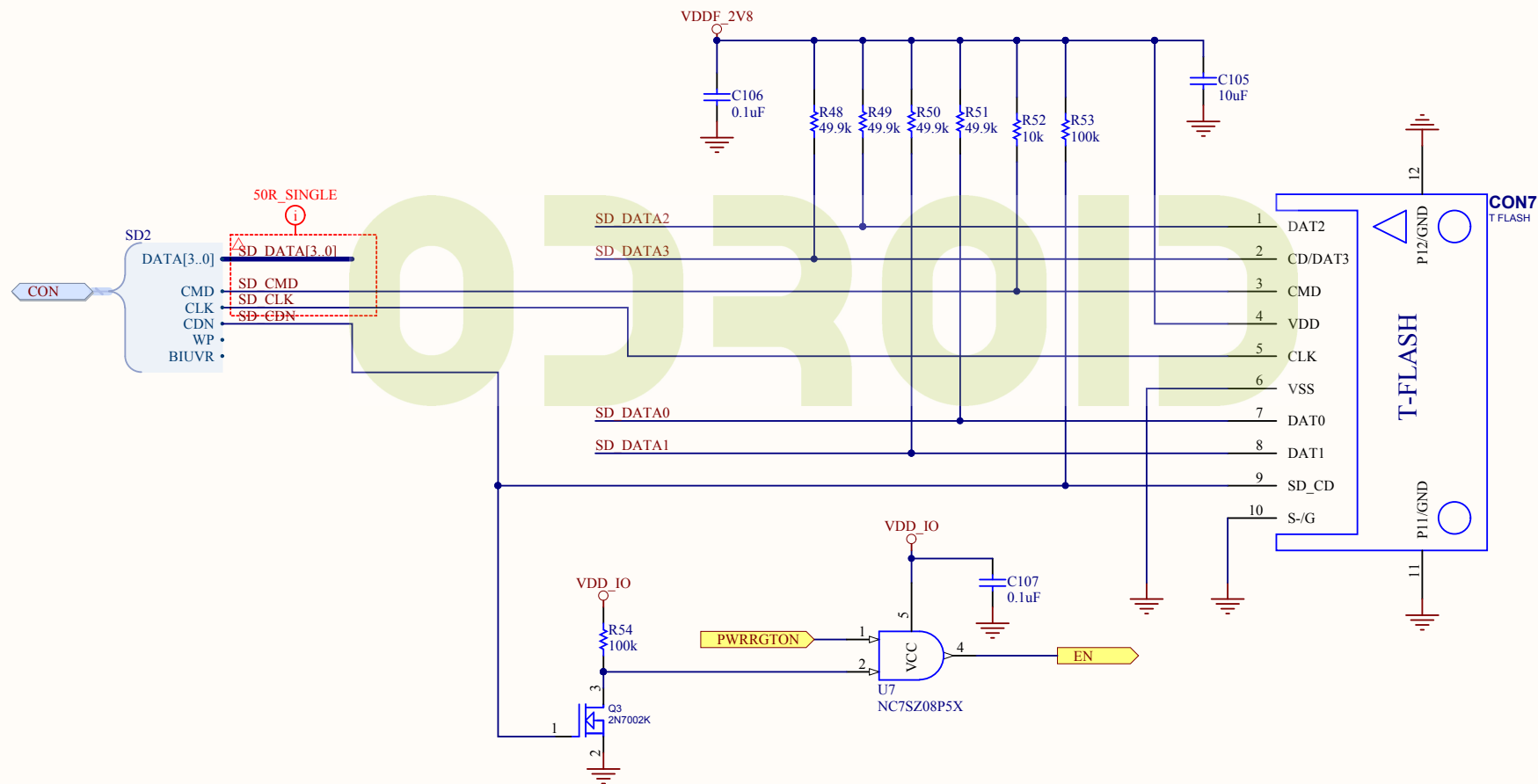



Title FAN Connector			<div>Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim Dongan Gu Gyeonggido South Korea</div> <div>03ROID</div>
Size: A4	Number:16.	Revision:0.1	
Date: 2013-08-16	Time: 오후 2:37:32	Sheet 16 of 47	
File: D:\hw\hkl\adonis\CON_FAN.SchDoc			

하드커널



Title CAMERA Connector			Hardkernel Co.,LTD. 704 Anyang K-Center, Gwanyang, Dongan, Anyang, Gyeonggido South Korea	
Size: A4	Number: 17.	Revision: 0.1		
Date: 2013-08-16	Time: 오후 2:37:32	Sheet 17 of 47		
File: D:\hw\hkl\adonis\CON_CAMERA.SchDoc			Cannot open file C:\Users\ydongyo\Do wnloads\Odroid-A_Lo	



Title Micro SD Socket			Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea	
Size: A4	Number:20.	Revision:0.4		
Date: 2013-08-16	Time: 오후 2:37:32	Sheet20 of 47		
File: D:\hw\hkl\adonis\CON MICROSD HD08-AL00335.SchDoc				



Title CON_UART			<div>Hardkernel Co.,LTD. 704 Anyang K-center 1591-9 Burim, Dongangu, Anyang Gyeonggido South Korea</div> <div>053010</div>
Size: A4	Number:21.	Revision:0.4	
Date: 2013-08-16	Time: 오후 2:37:32	Sheet21 of 47	
File: D:\hw\hkl\adonis\CON_UART.SchDoc			