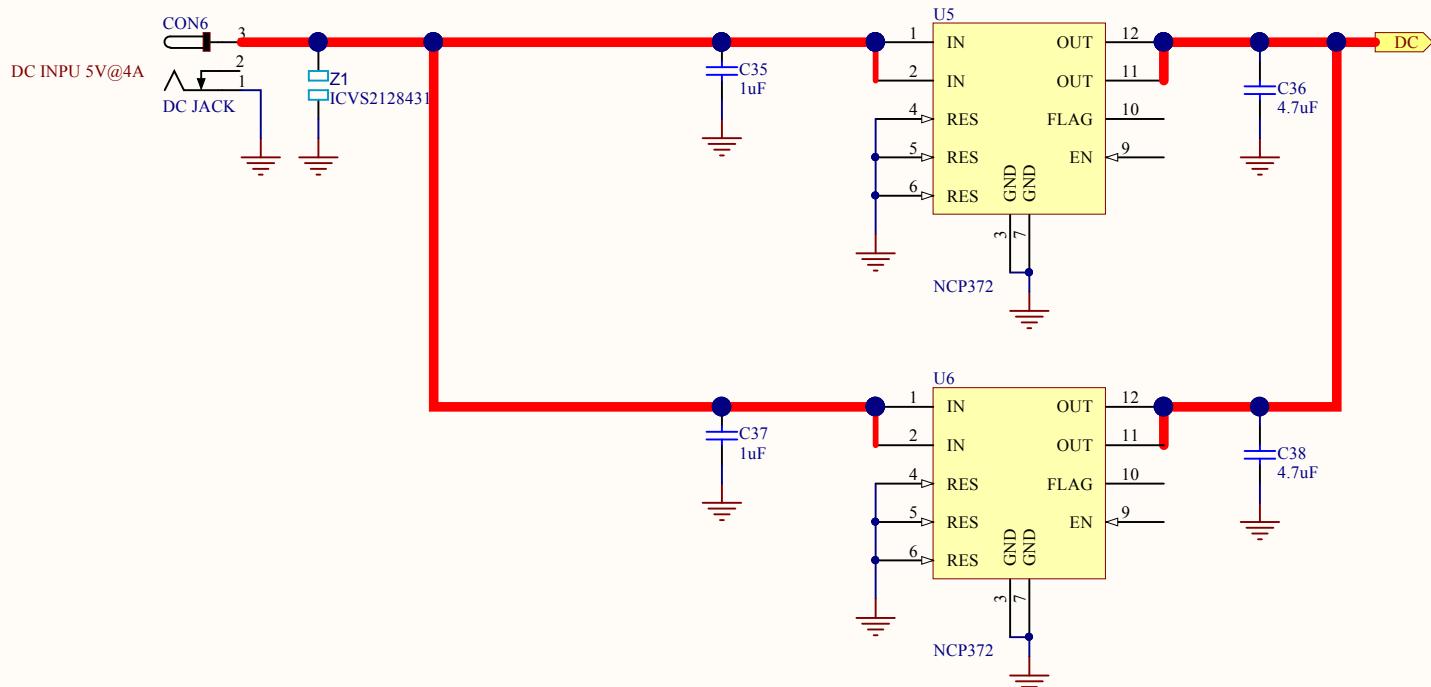


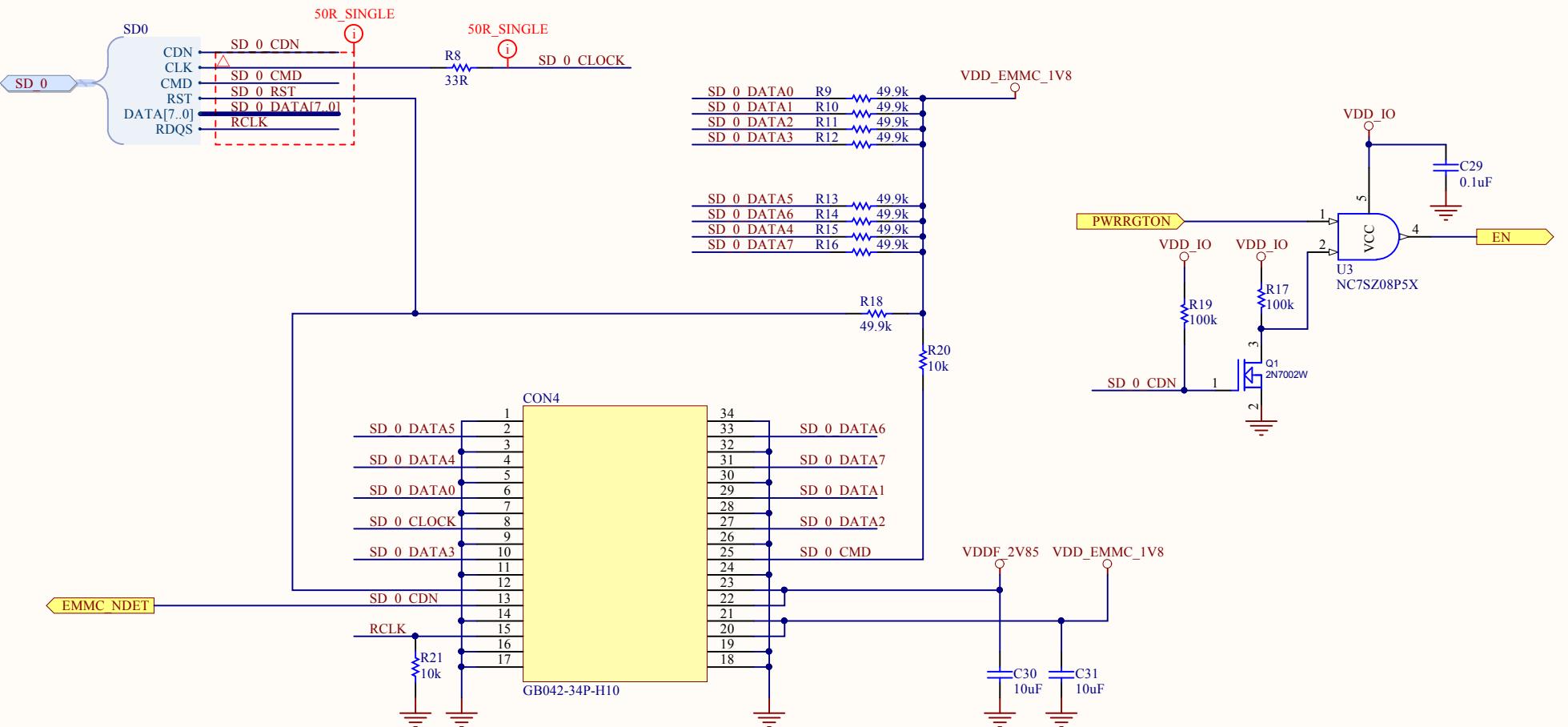
Title CLK			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea
Size: A4	Number: 30.	Revision: 0.1	
Date: 2015-07-06	Time: 오전 10:00	[3sheet1] of 33	
File: CLK.SchDoc			Designed by: ruppi.kim@hardkernel.com



Title ***DC Jack and Protection IC***Size: **A4** Number:**22** Revision**0.1**Date: **2015-07-06** Time: **오전 10:00** 3sheet2 of **33**File: **CON_DCJACK.SchDoc**

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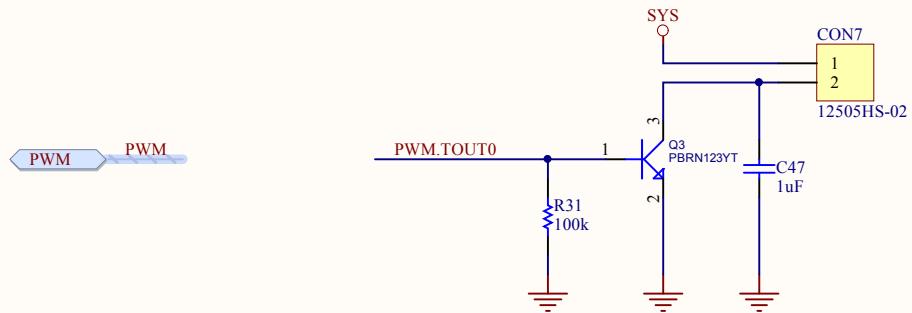


Title **eMMC Connector**

Size: A4	Number: 29.	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 3 of 33
File: CON_EMMC.SchDoc		

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Title *FAN Connector*

Size: A4	Number: 27.	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 4 of 33
File: CON_FAN.SchDoc		

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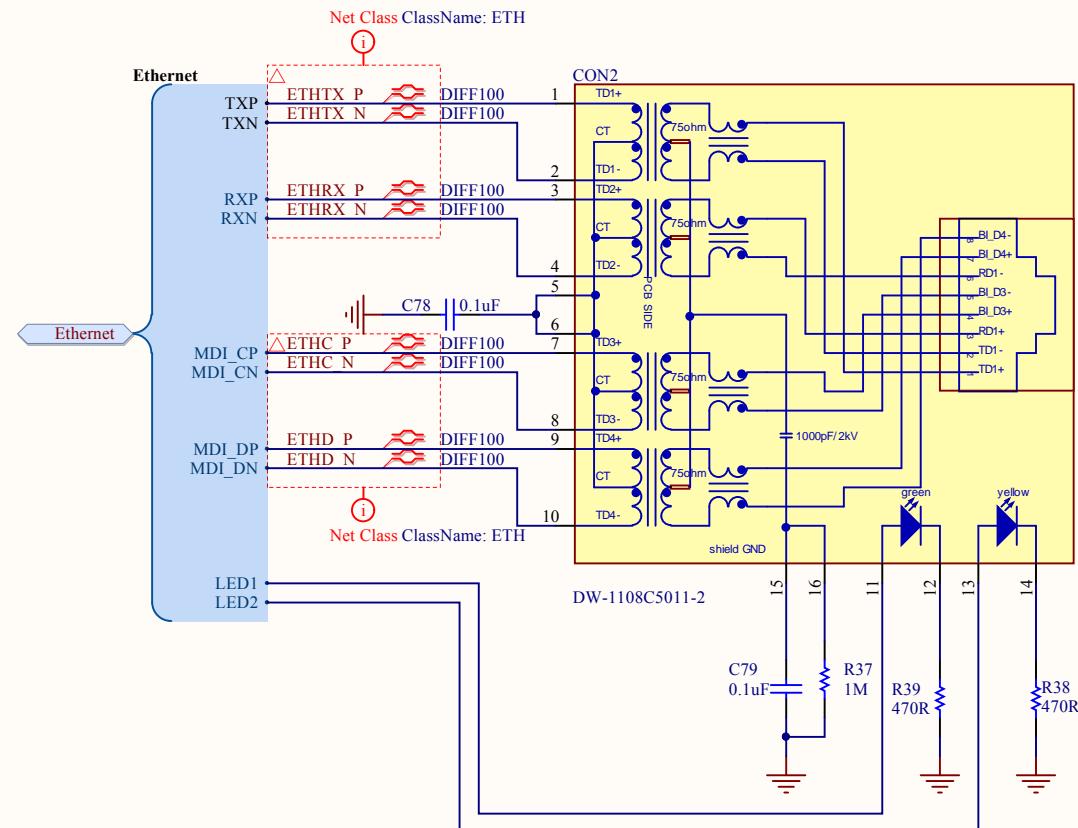
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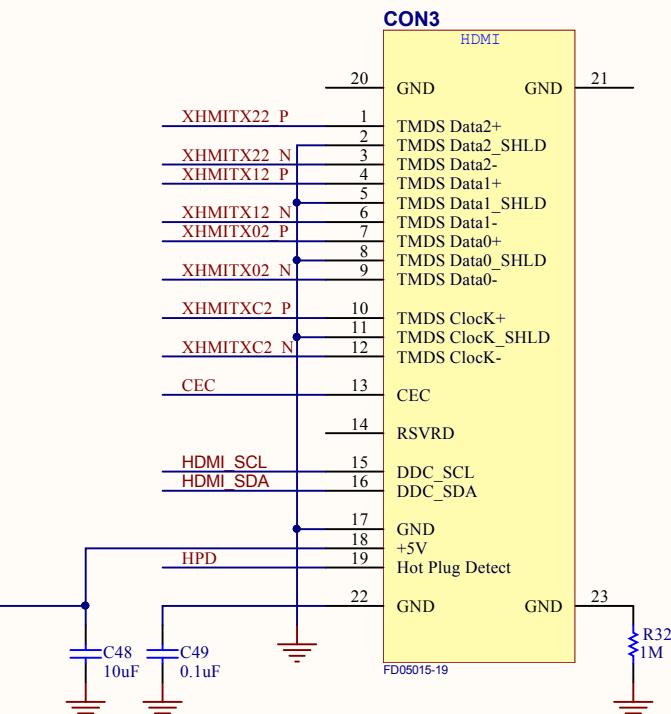
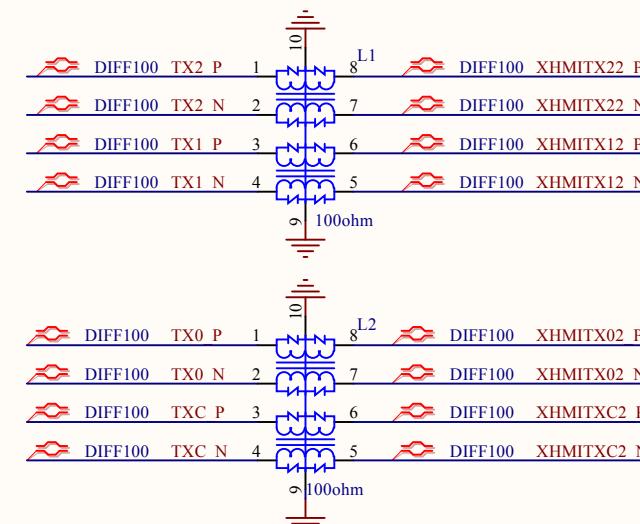
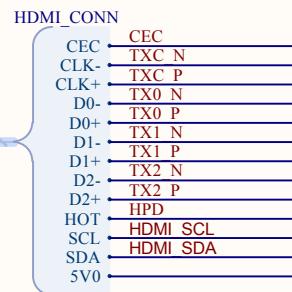
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Title **HDMI Type A Connector**

Size: A4 Number:18 Revision:0.1

Date: 2015-07-06 Time: 오전 10:00|3Sheet6 of 33

File: CON_HDMI.SchDoc

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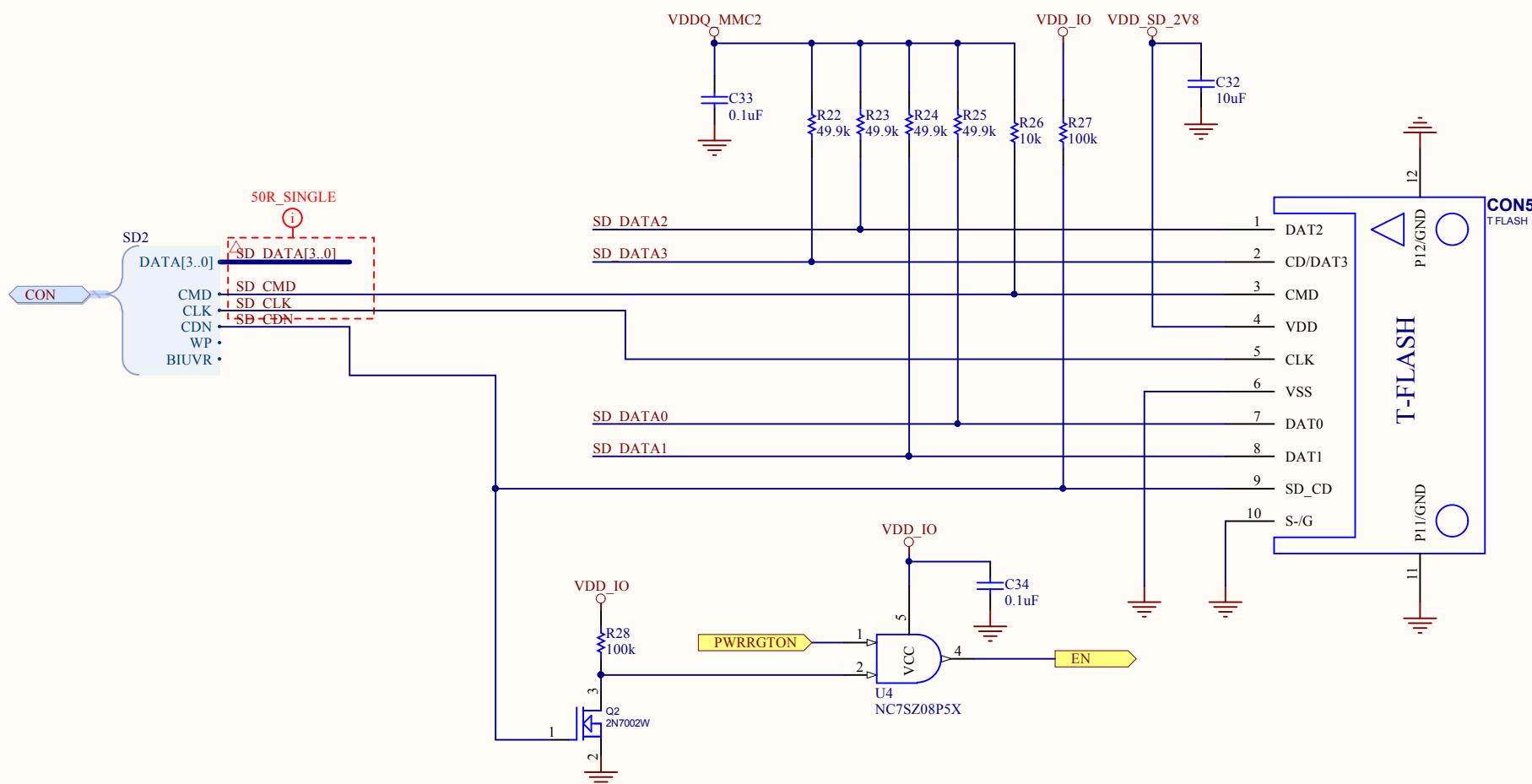
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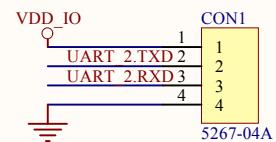
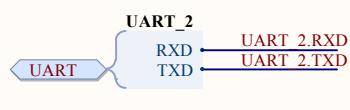
Title **Micro SD Socket**

Size: A4	Number: 24.	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 7 of 33
File: CON_MICROSD_HD08-AL00335.SchDoc		

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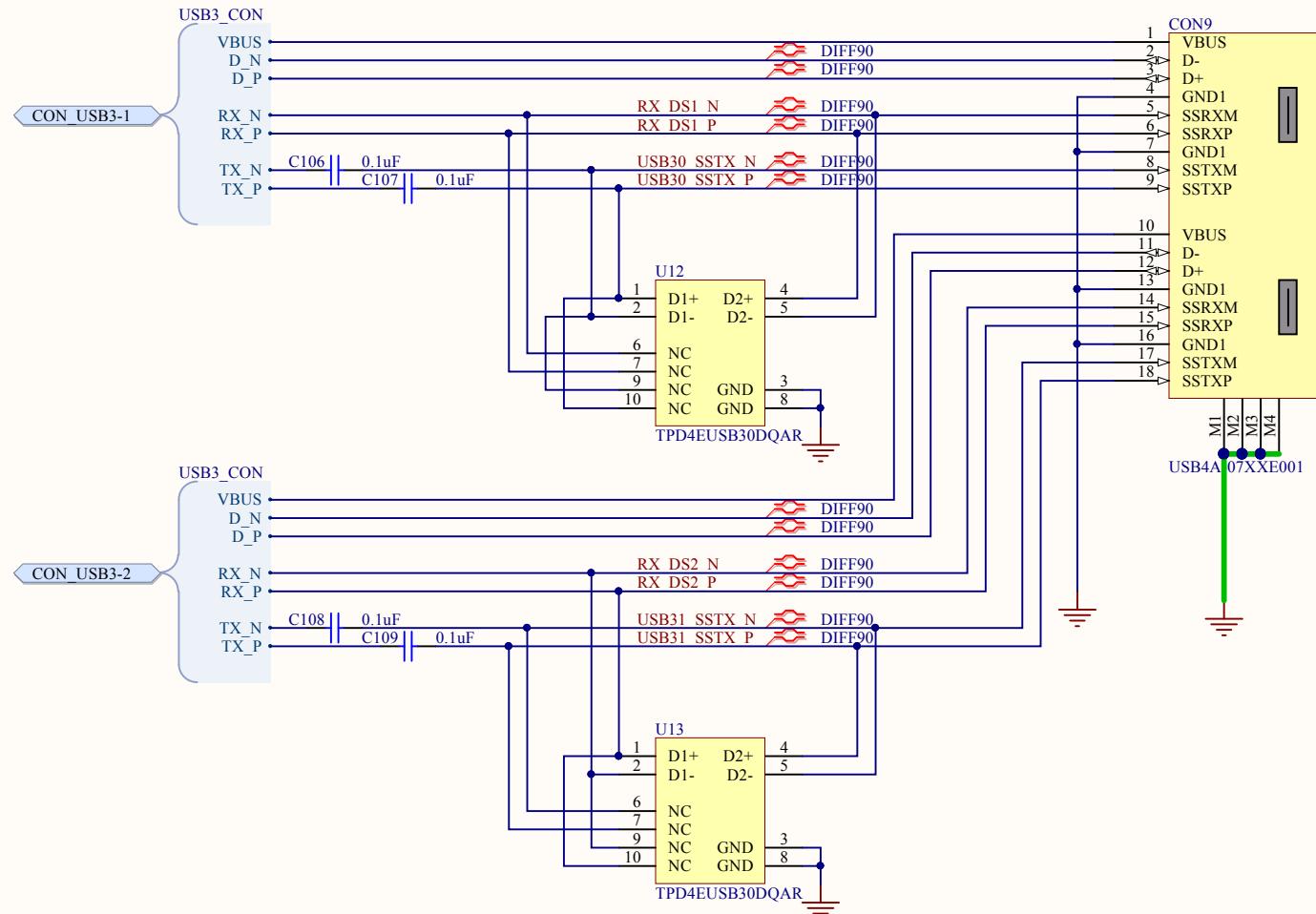
Title *UART Connector*

Size: A4	Number: 23.	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 8 of 33
File: CON_UART.SchDoc		

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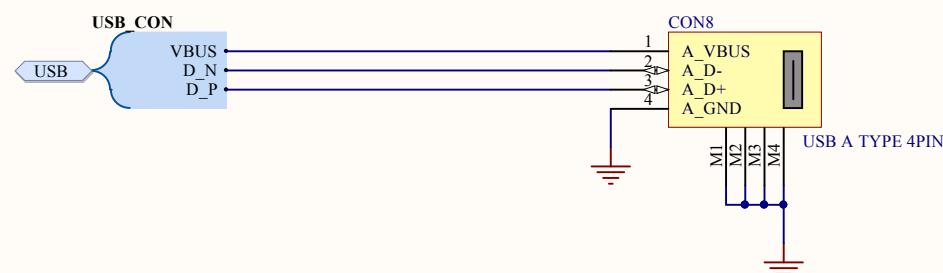
D

Title **USB 3.0 Type A Connector**Size: **A4** Number:**15** Revision**0.1**Date: **2015-07-06** Time: **오전 10:00** 3sheet9 of 33File: **CON_USB3_DUAL_RA.SchDoc**

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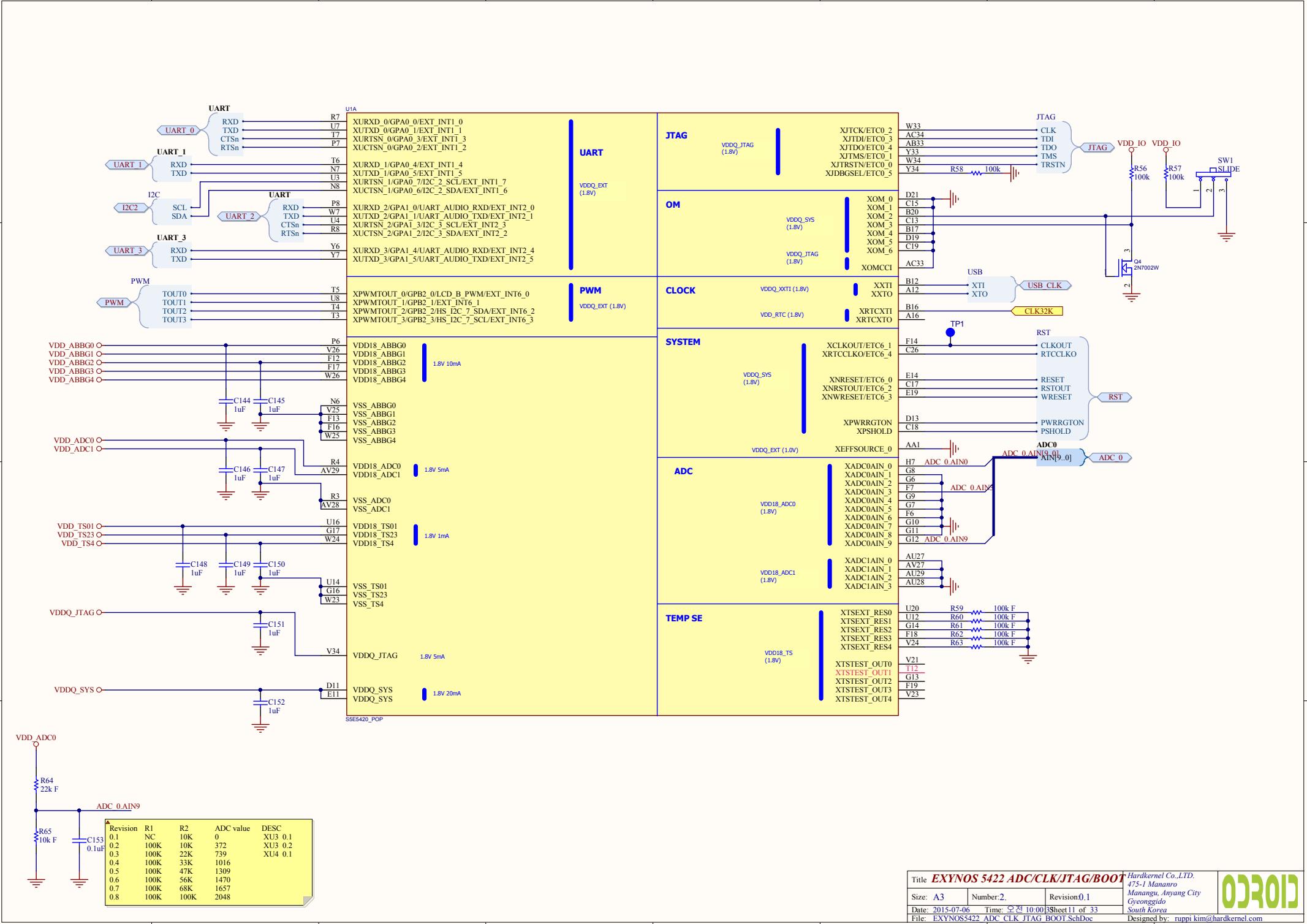


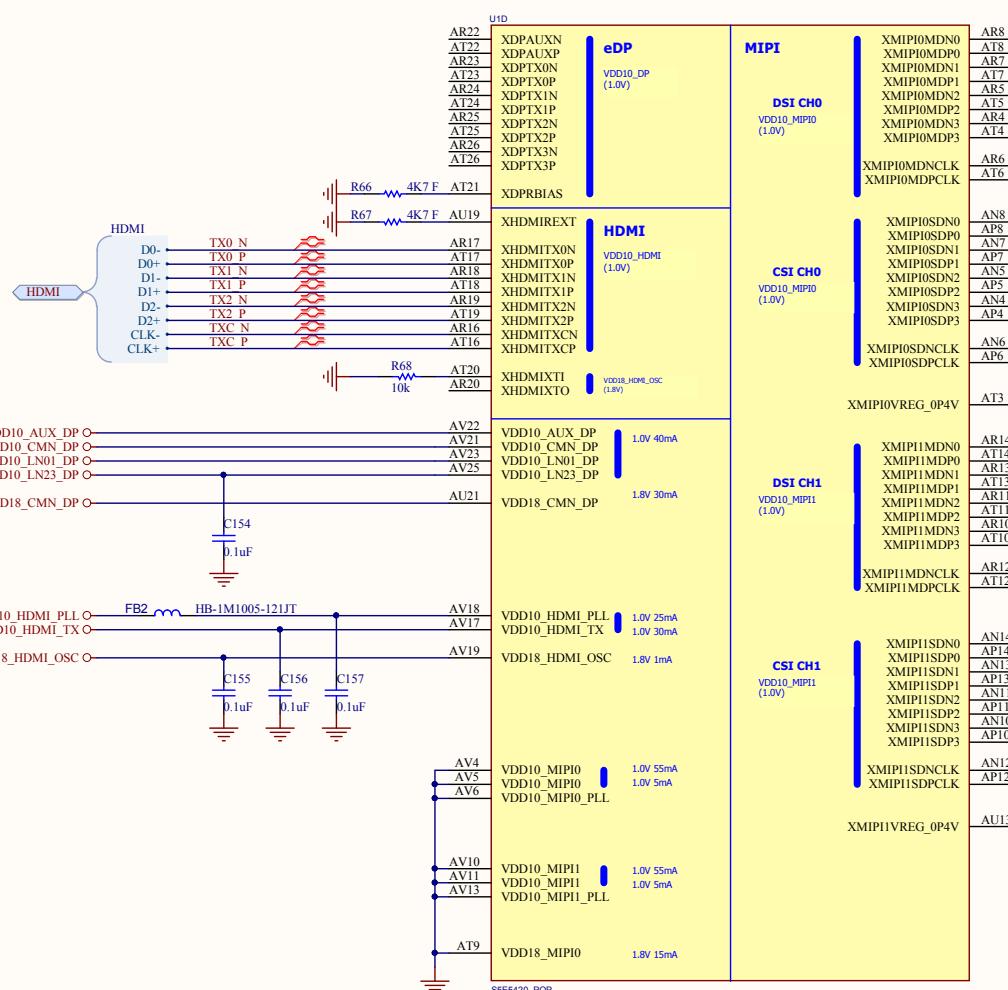
Title ***USB 2.0 Type A Connector***

Size: A4	Number: 21.	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 10 of 33
File: CON_USB_RA.SchDoc		

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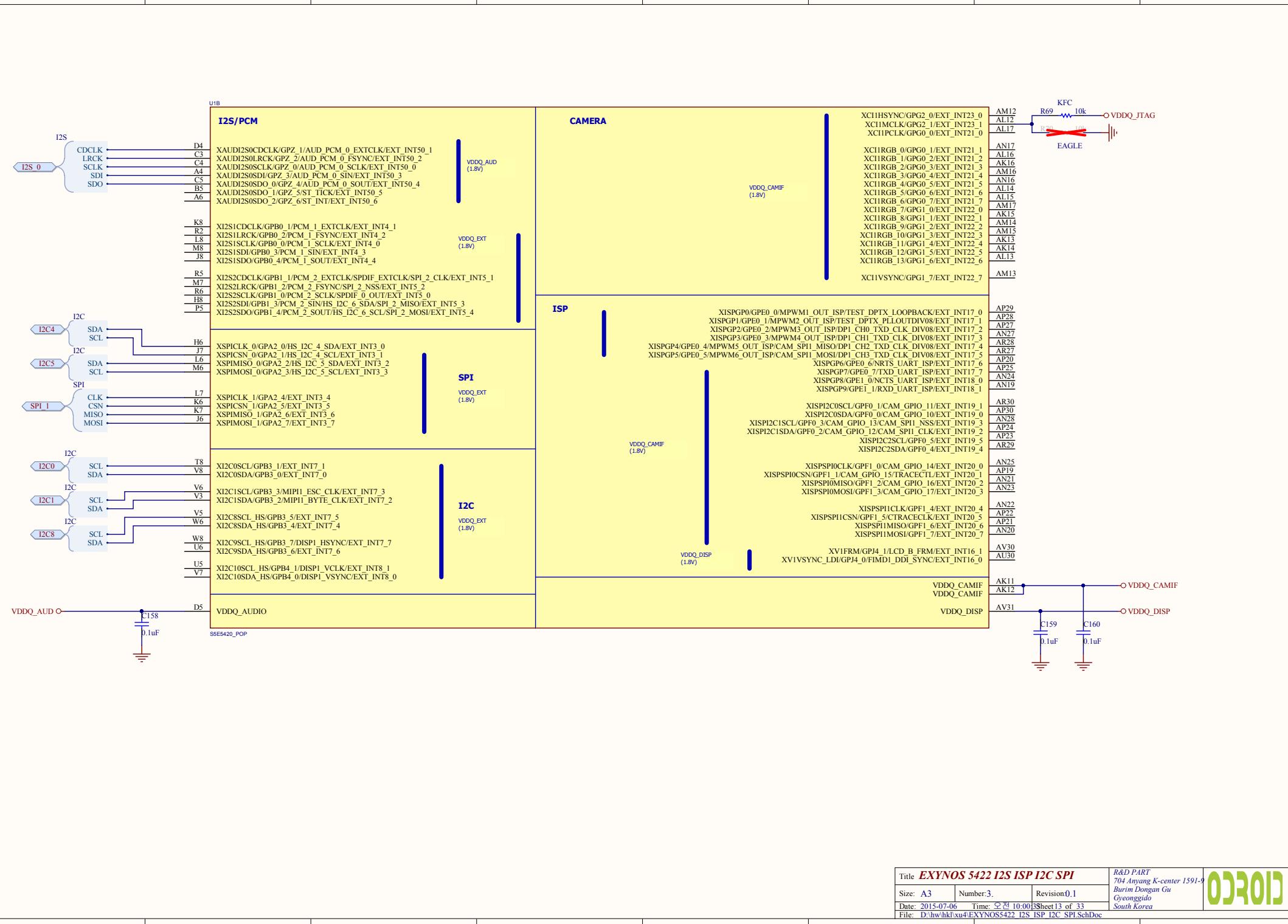


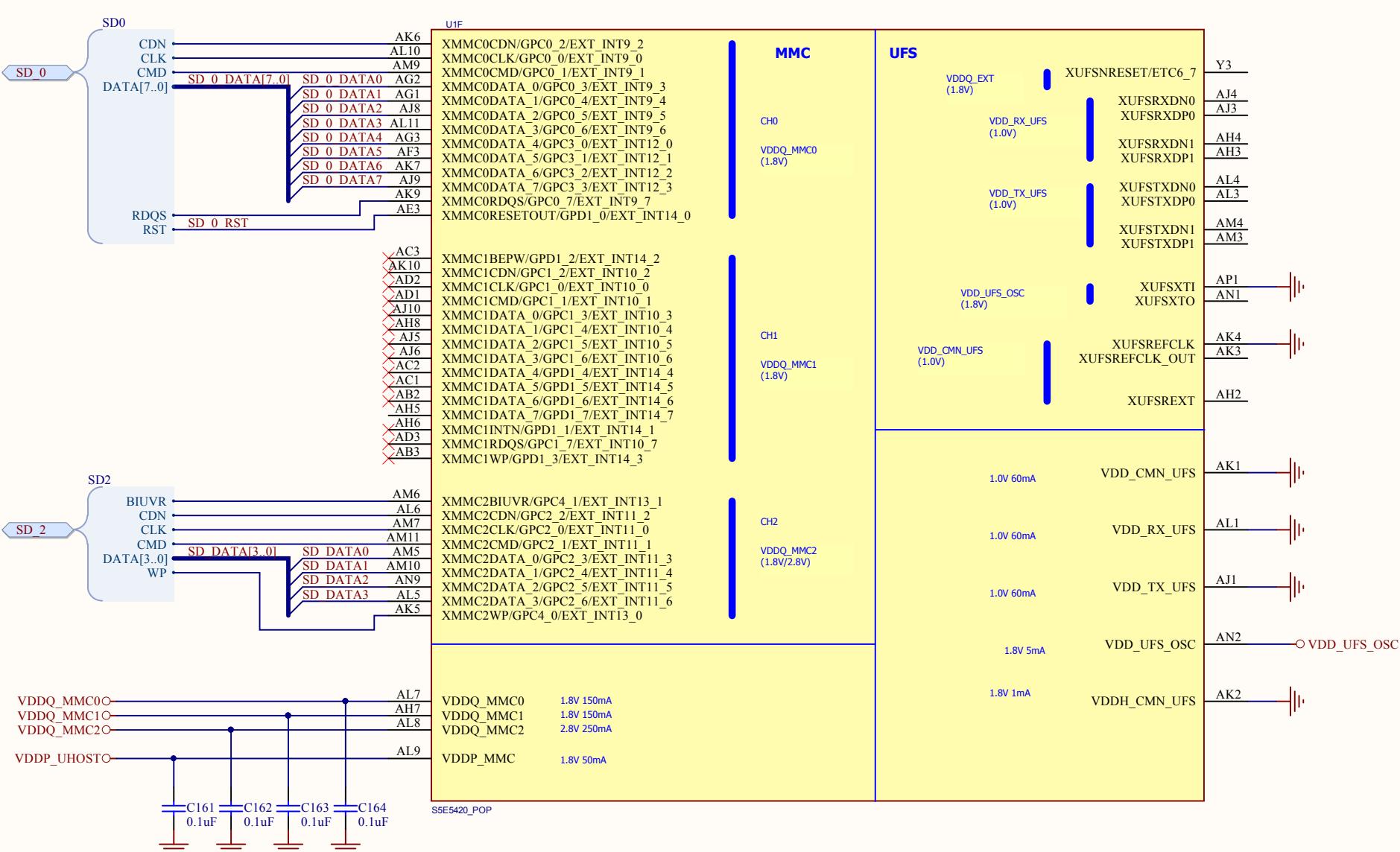
Title EXYNOS 5422 eDP HDMI MIPI		
Size: A3	Number: 5,	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 12 of 33
File: EXYNOS5422_HDMI_sDP_MIPI.SchDoc		

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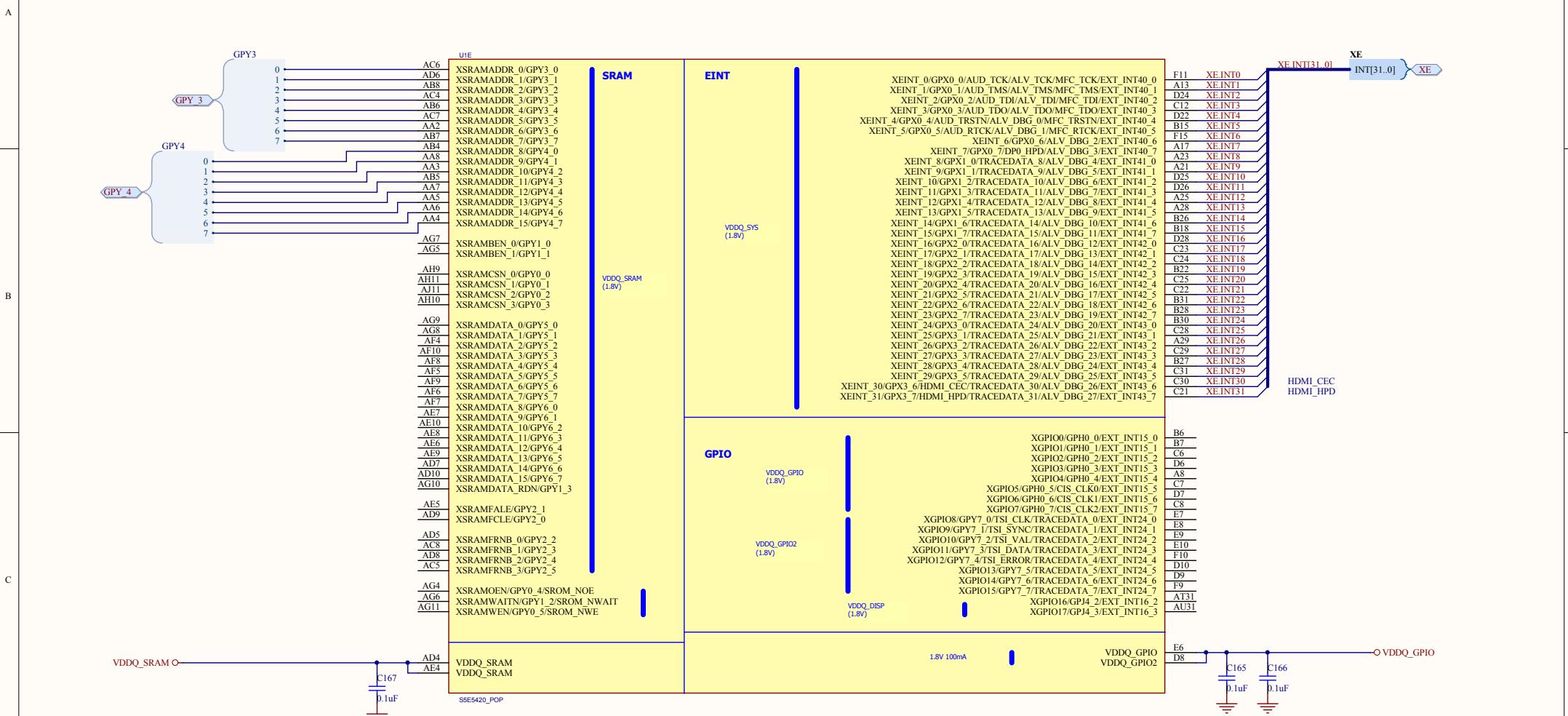
Designed by: ruppi.kim@hardkernel.com



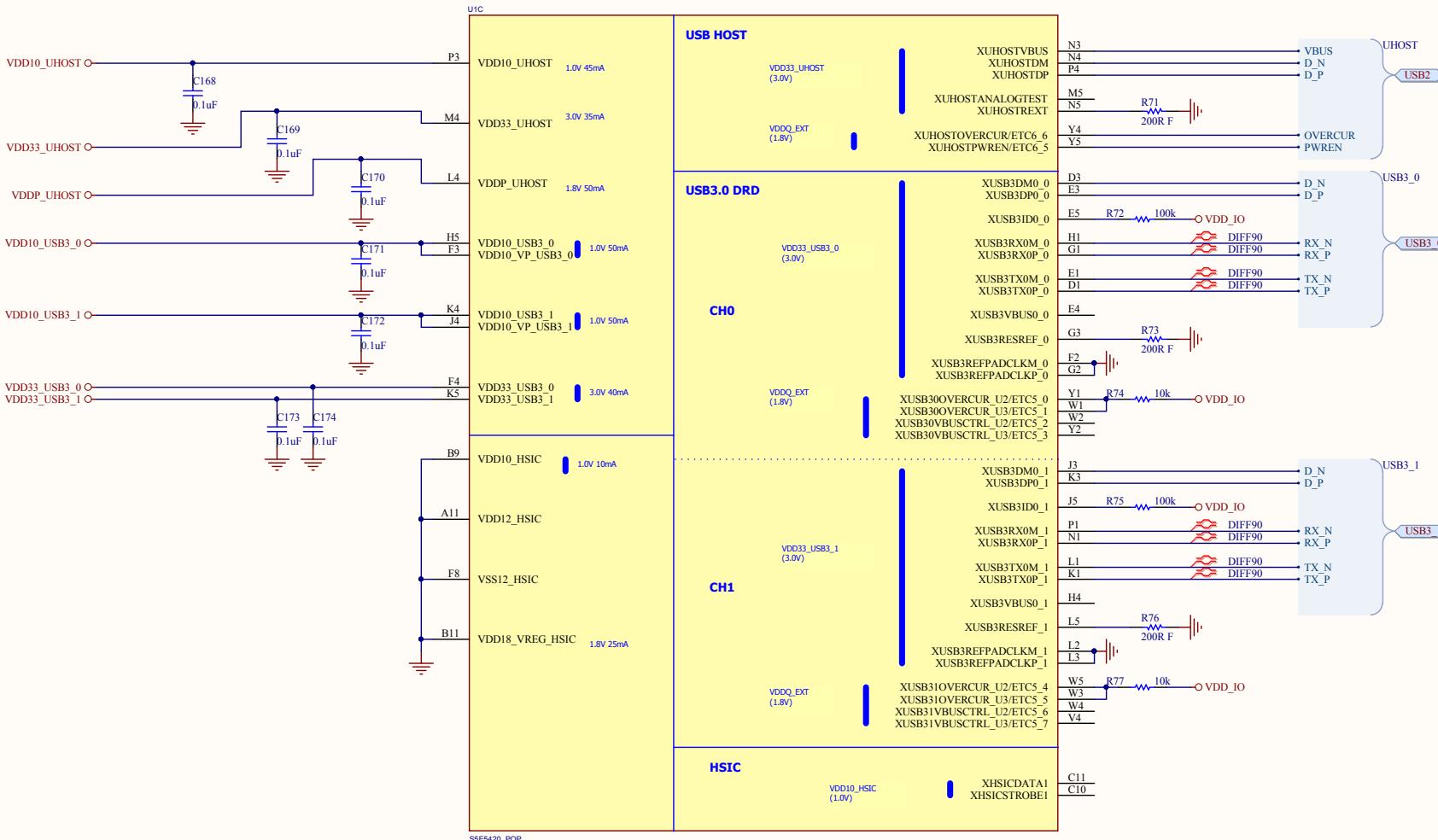
Title **EXYNOS 5422 MMC UFS**Size: **A4** Number: **7** Revision: **0.1**Date: **2015-07-06** Time: **오전 10:00** sheet **14 of 33**File: **EXYNOS5422_MMC_UFS.SchDoc**

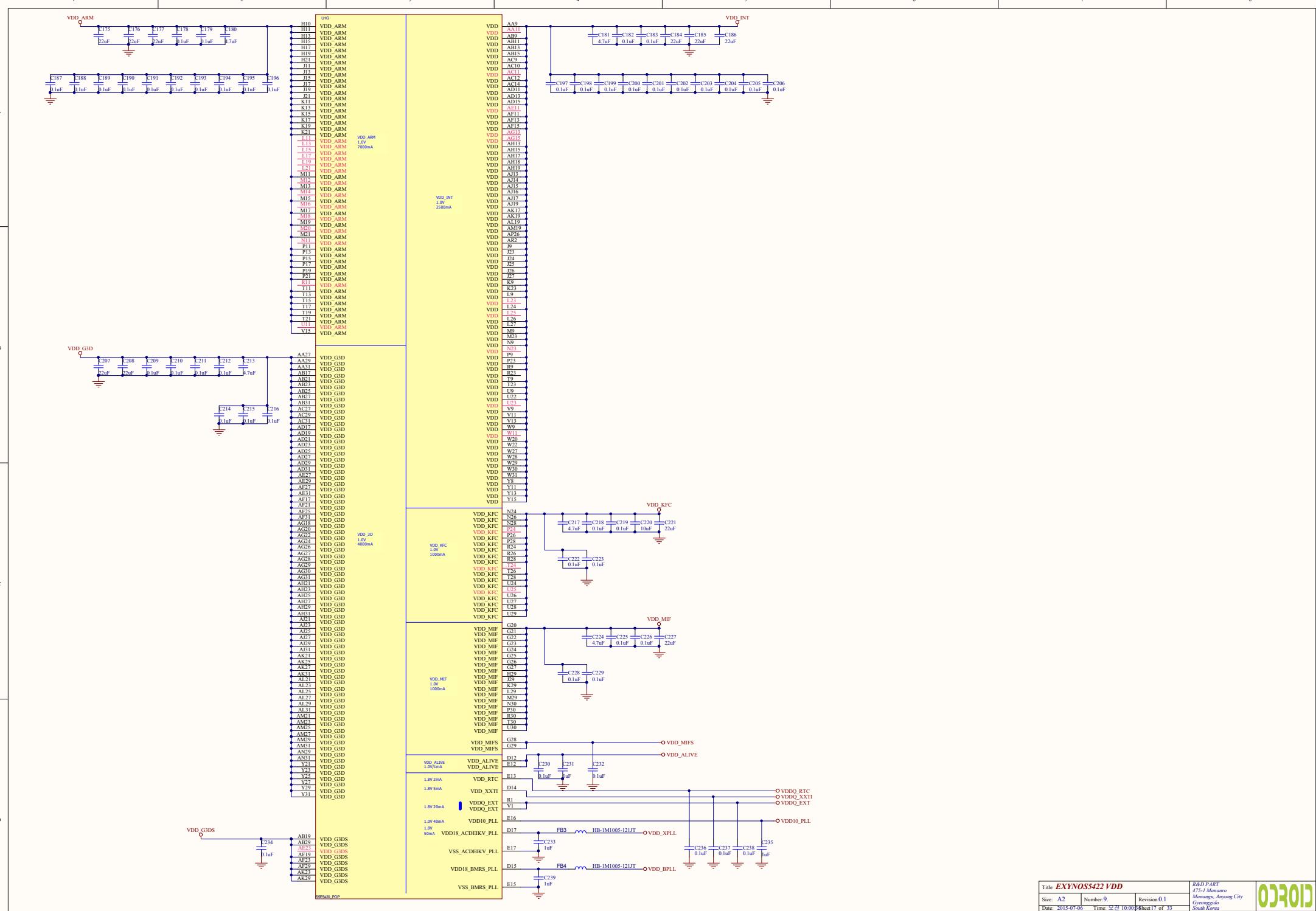
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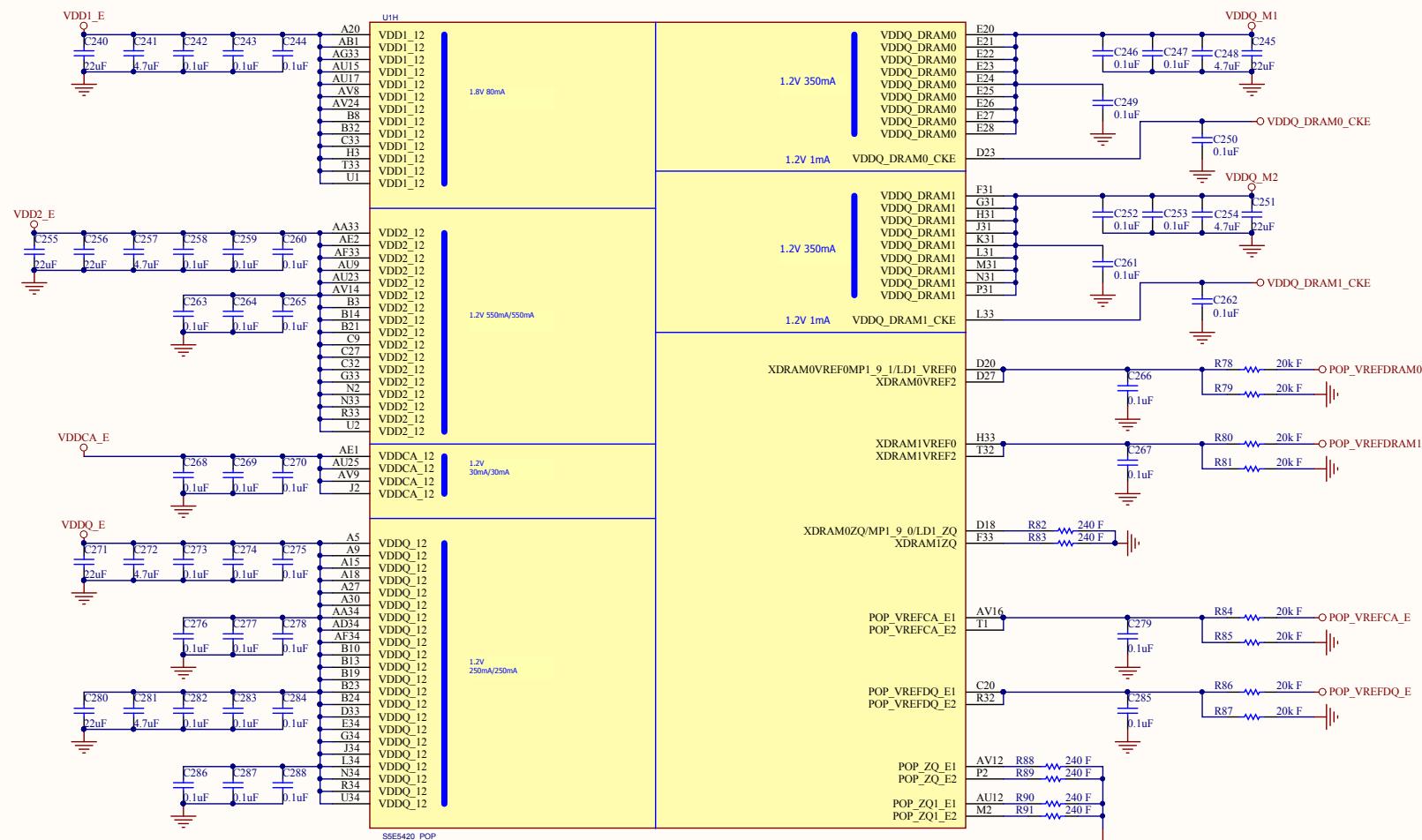
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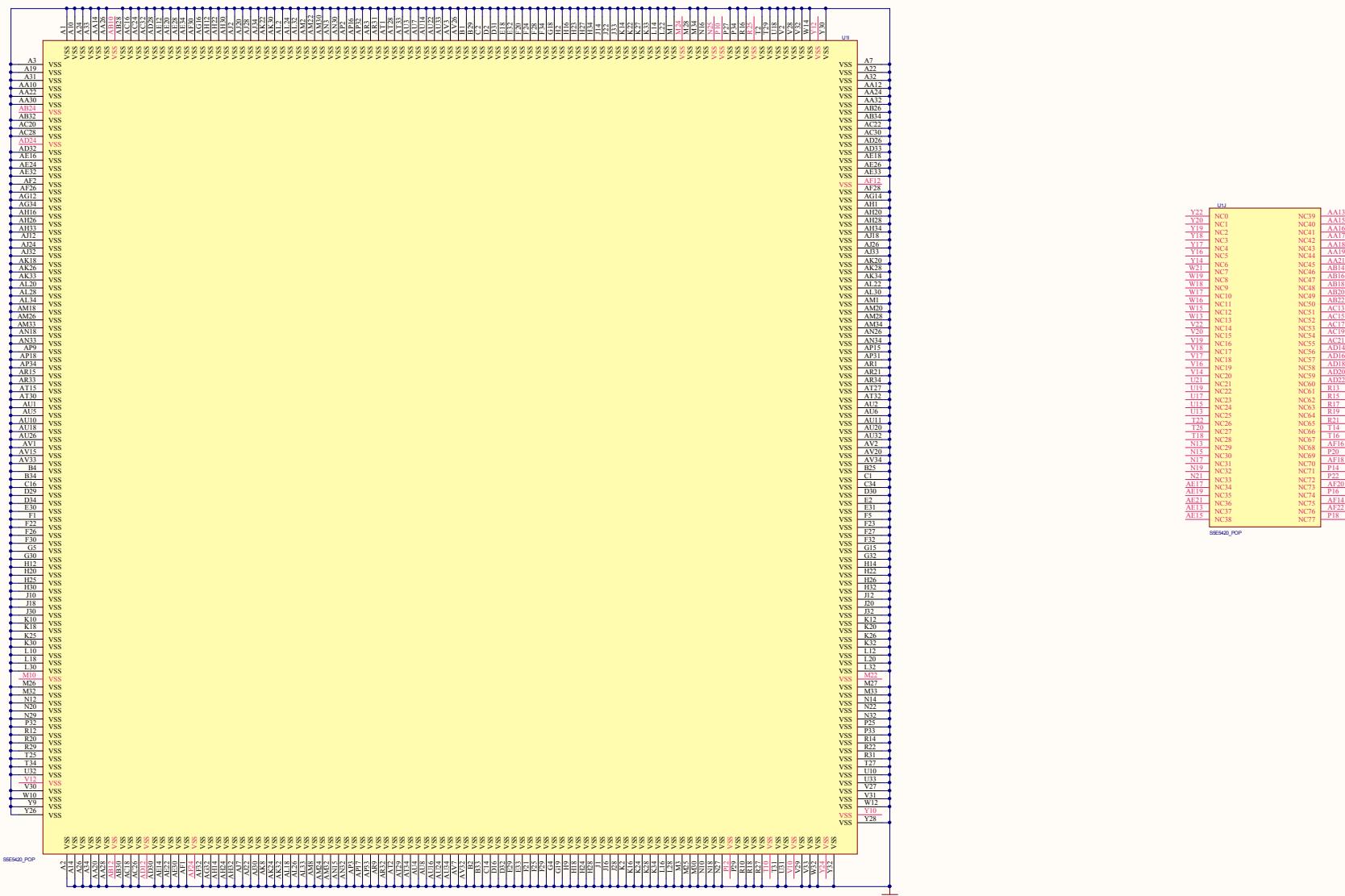


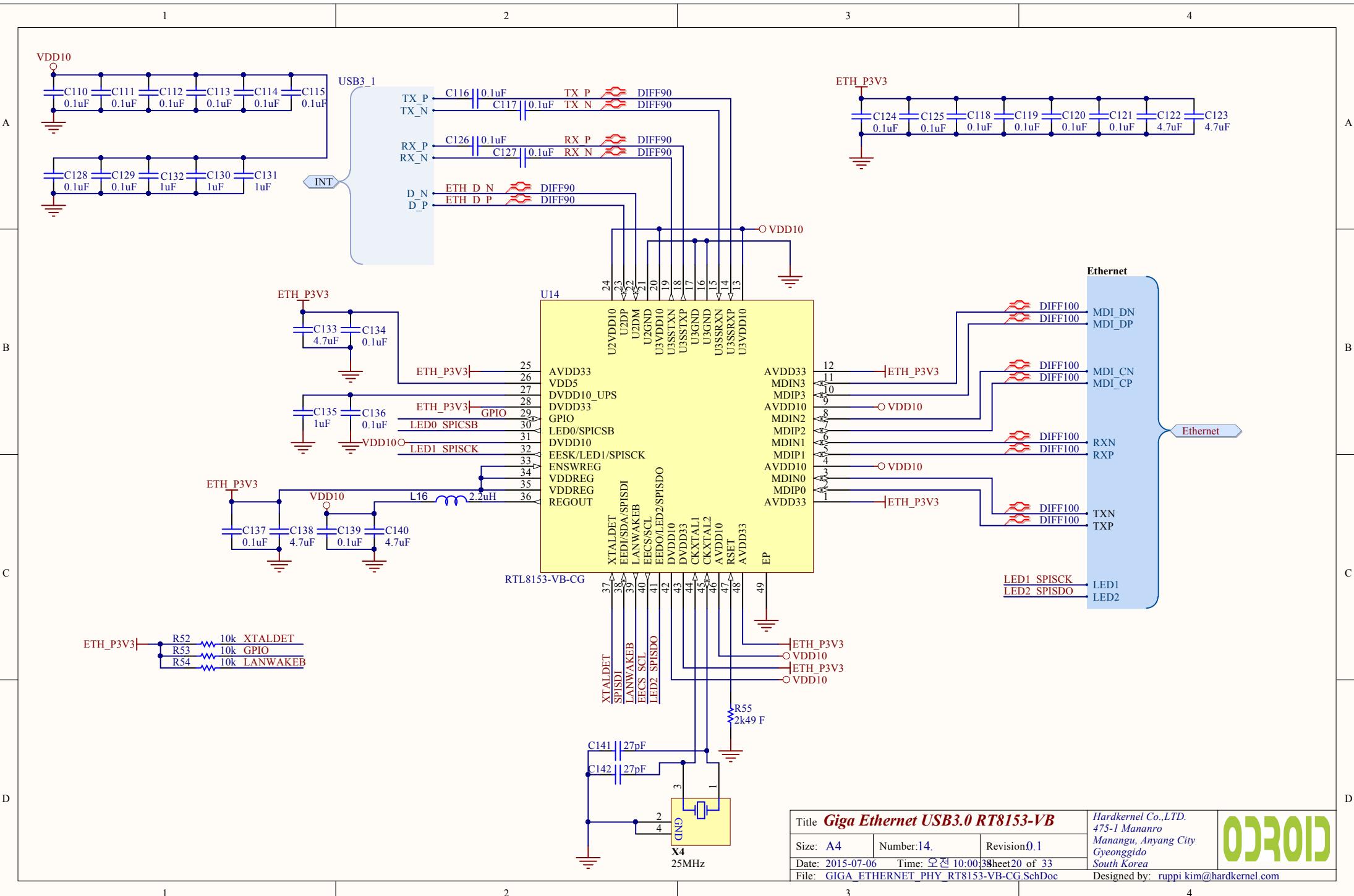


Title EXYNOS 5422 VDD DRAM POP		
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File: EXYNOS5422_VDD_DRAM_SchD0		



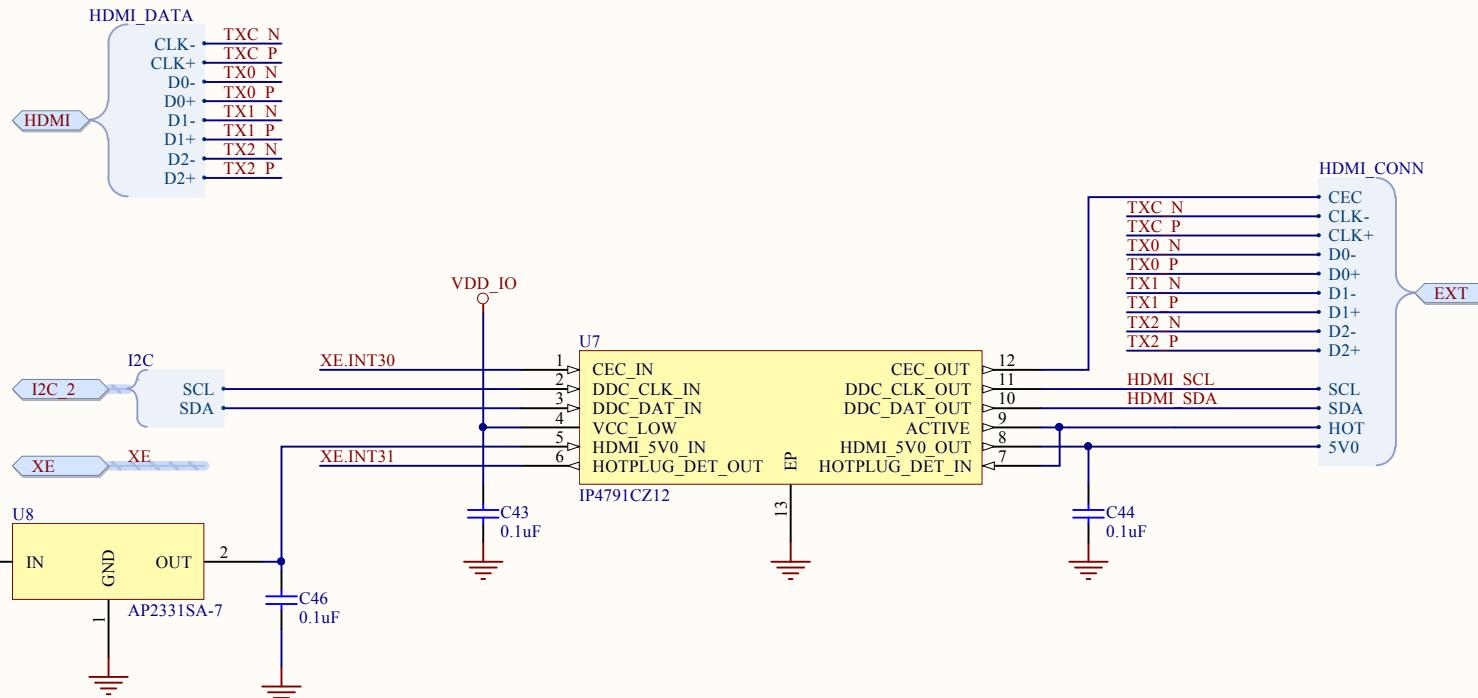
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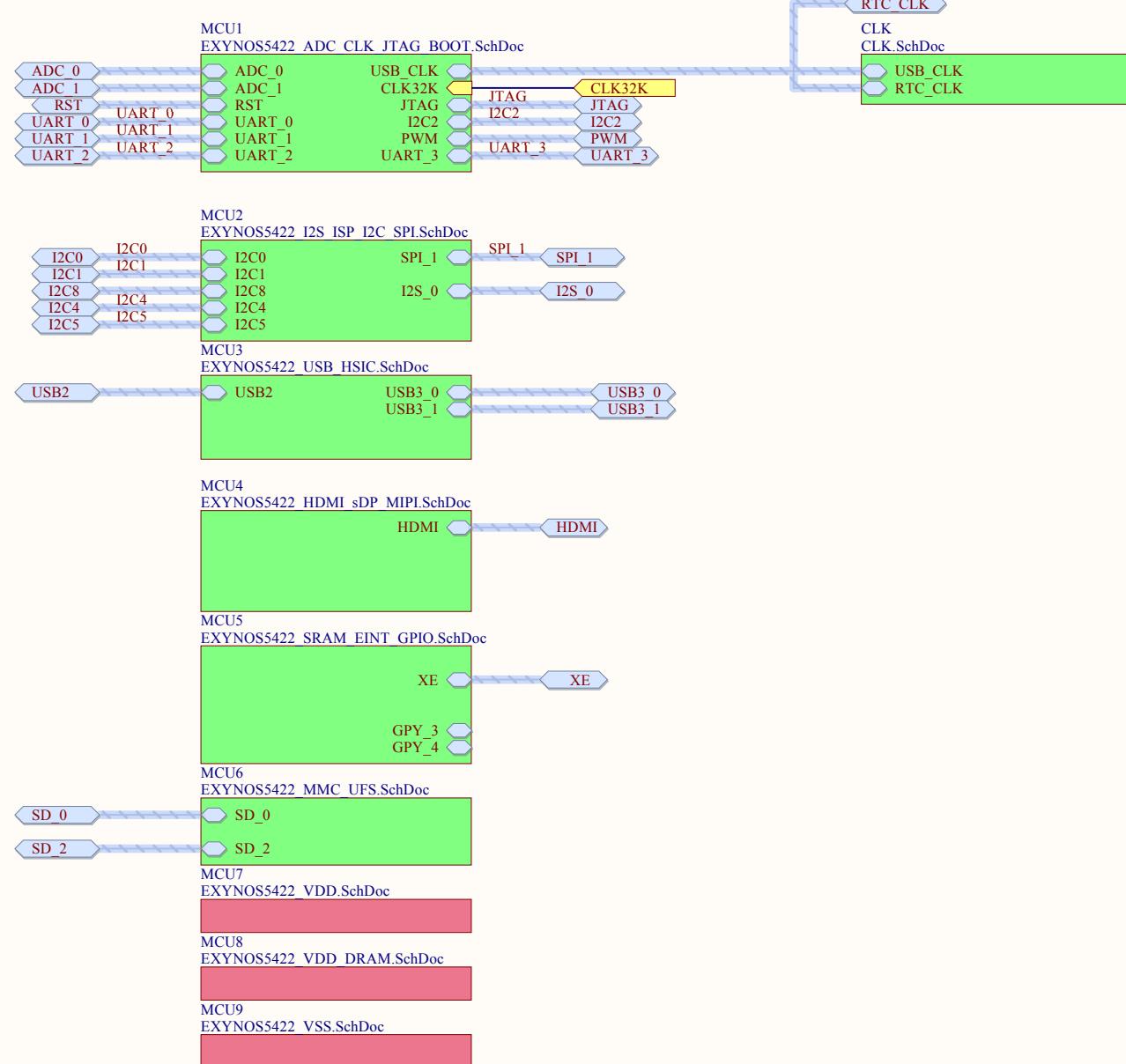
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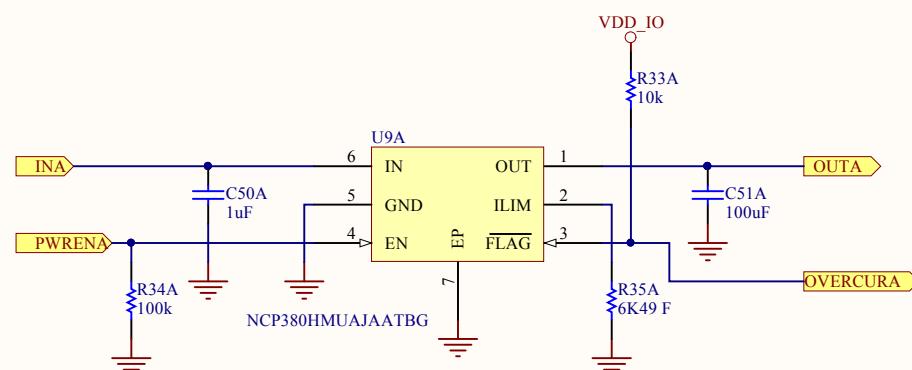
Title **HDMI I₂C**

Size: A4	Number: 20.	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 21 of 33
File: HDMI_I ₂ C.SchDoc		

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Title MCU EXYNOS5422			Hardkernel Co.,LTD. 475-1 Mananro Manangu, Anyang City Gyeonggido South Korea
Size: A4	Number: 1.	Revision: 0.1	
Date: 2015-07-06	Time: 오전 10:00	Sheet 22 of 33	
File: MCU_EXYNOS5422.SchDoc			Designed by: ruppi.kim@hardkernel.com



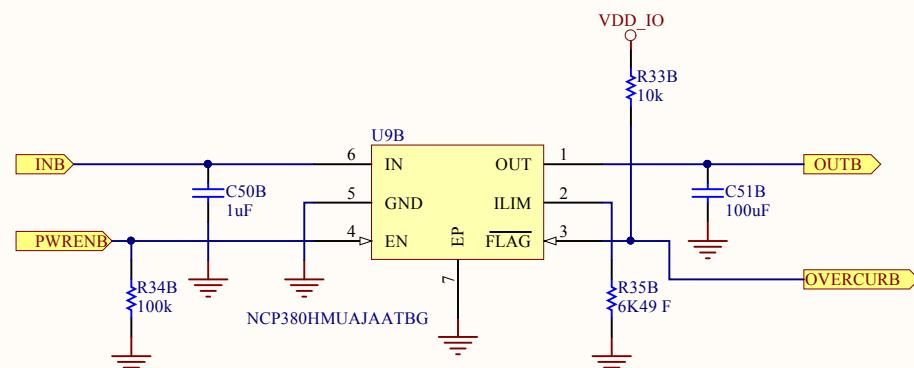
Title ***USB HOST Power Switch***

Size: A4	Number: 16.	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 23 of 33
File: NCP380HM.SchDoc		

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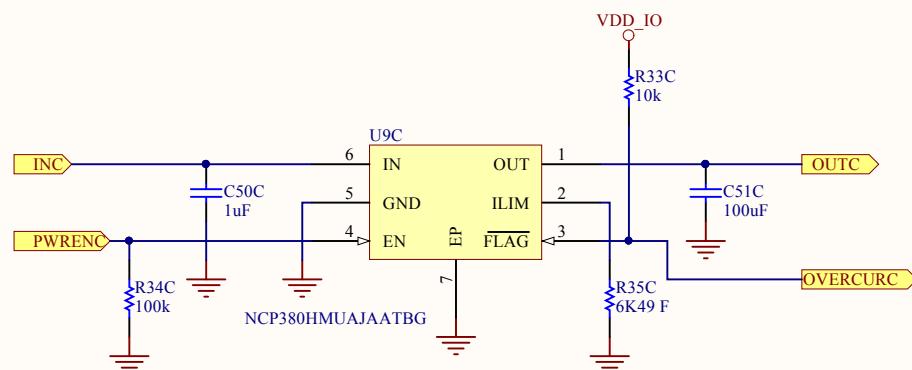


Title **USB HOST Power Switch**

Size: A4	Number: 16.1.1	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 24 of 33
File: NCP380HM.SchDoc		

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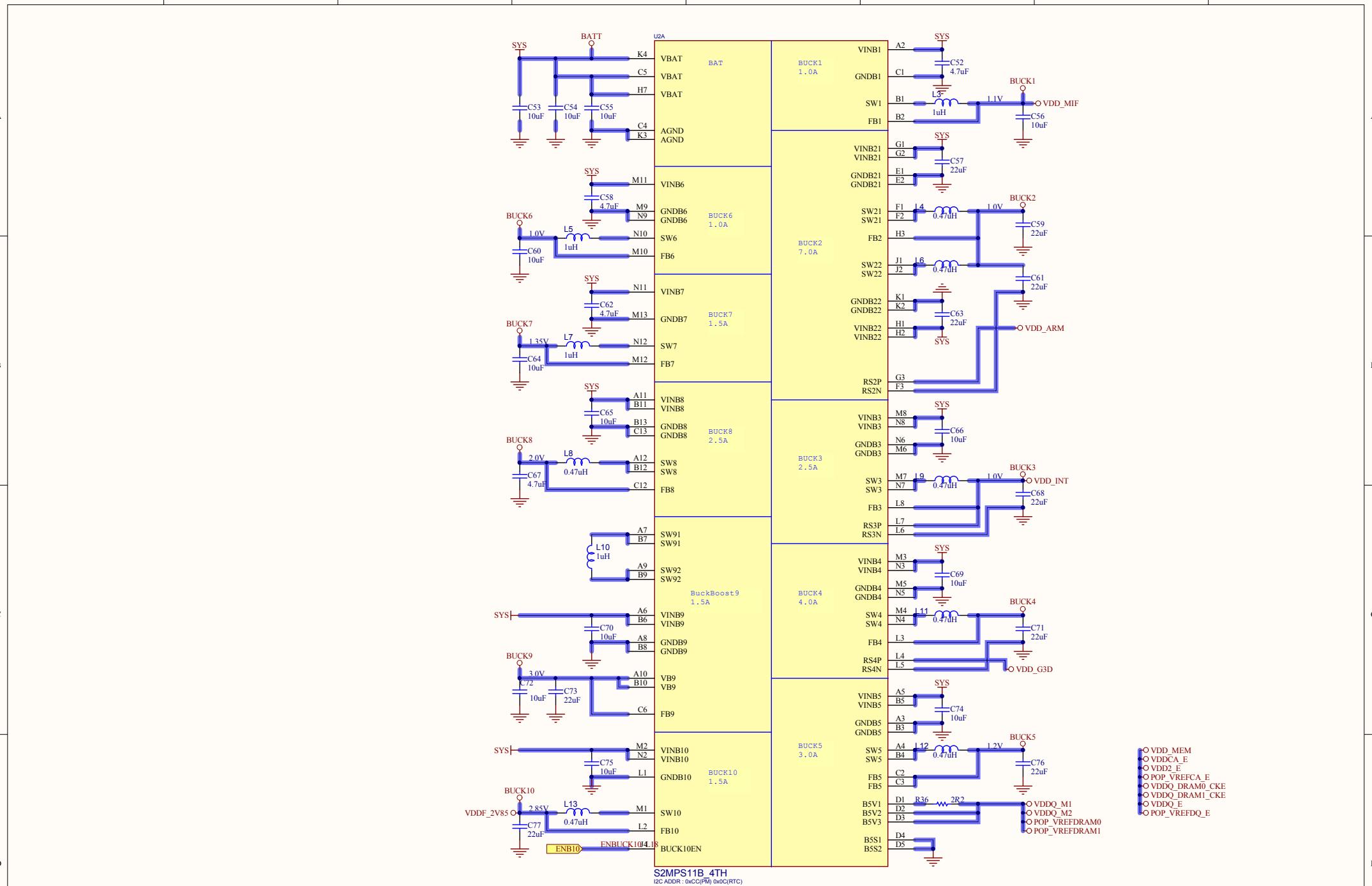


Title **USB HOST Power Switch**

Size: A4	Number: 16.2.1	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 25 of 33
File: NCP380HM.SchDoc		

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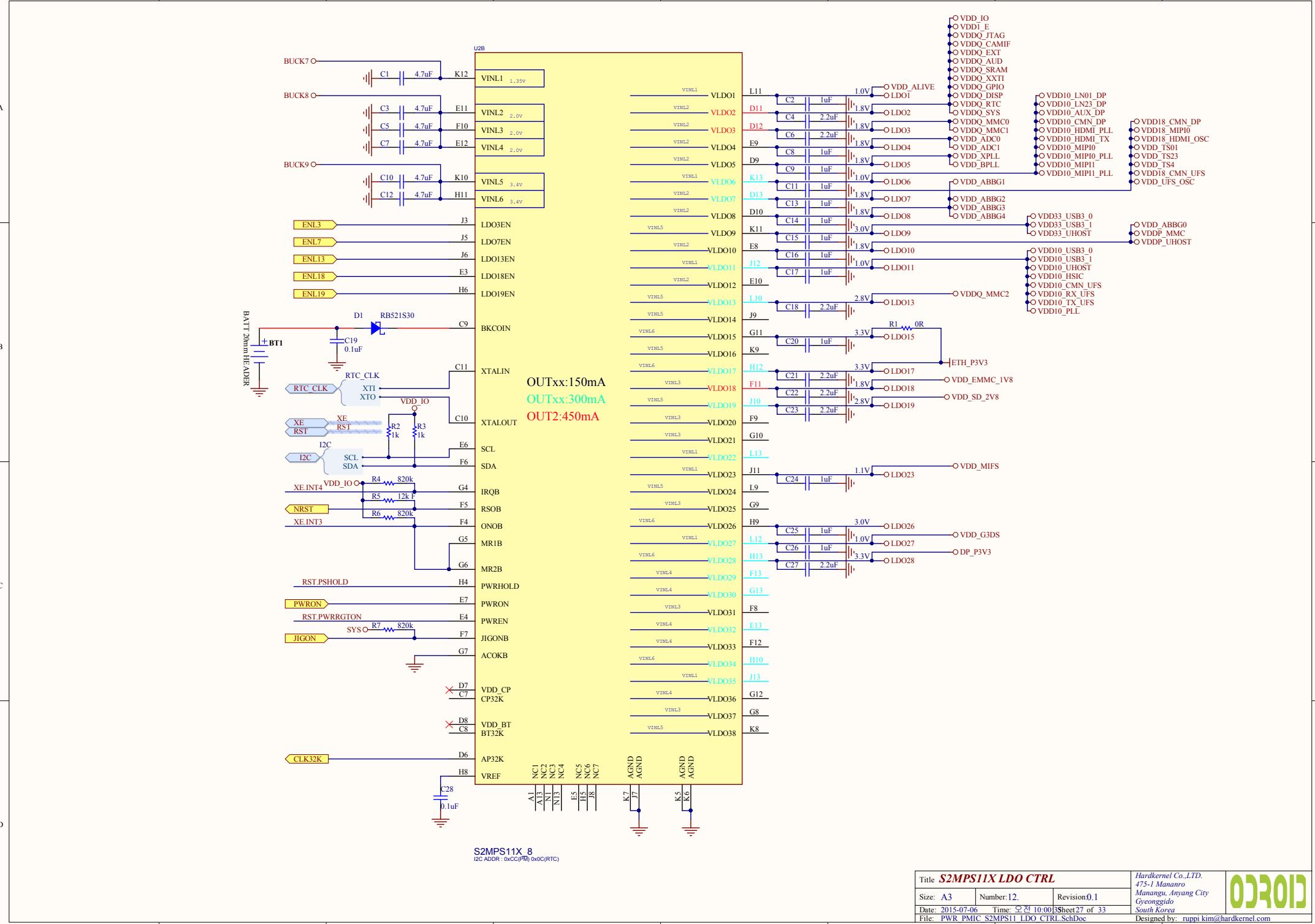


Title **S2MPS11X BUCK**

Size: A3	Number: 11.	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 26 of 33
File: PWR PMIC S2MPS11 BUCK SchDoc		Designed by: ruppi.kim@hardkernel.com

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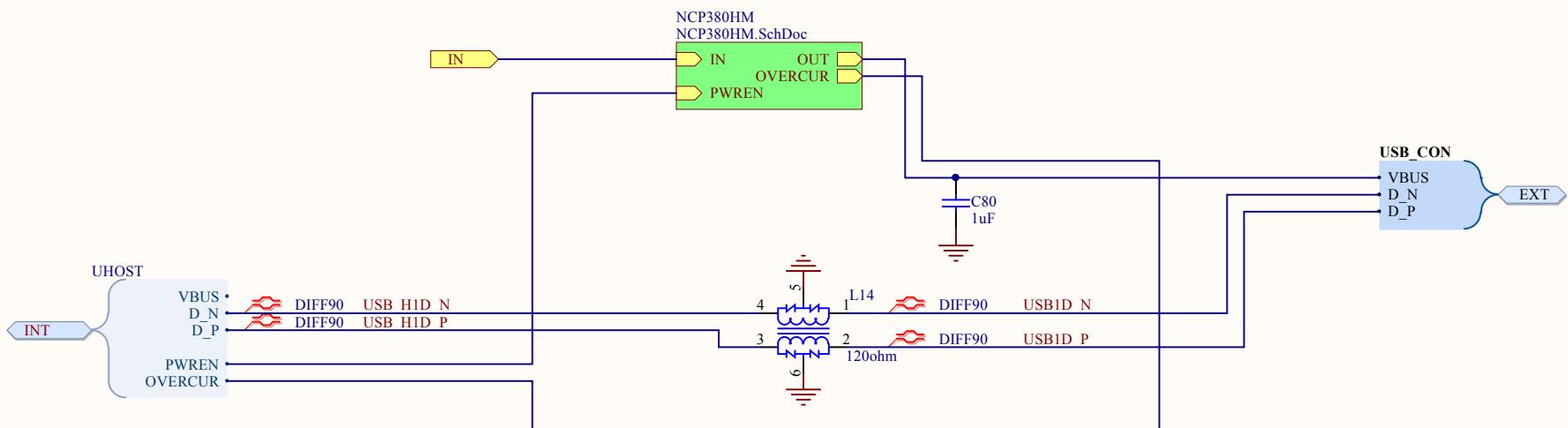
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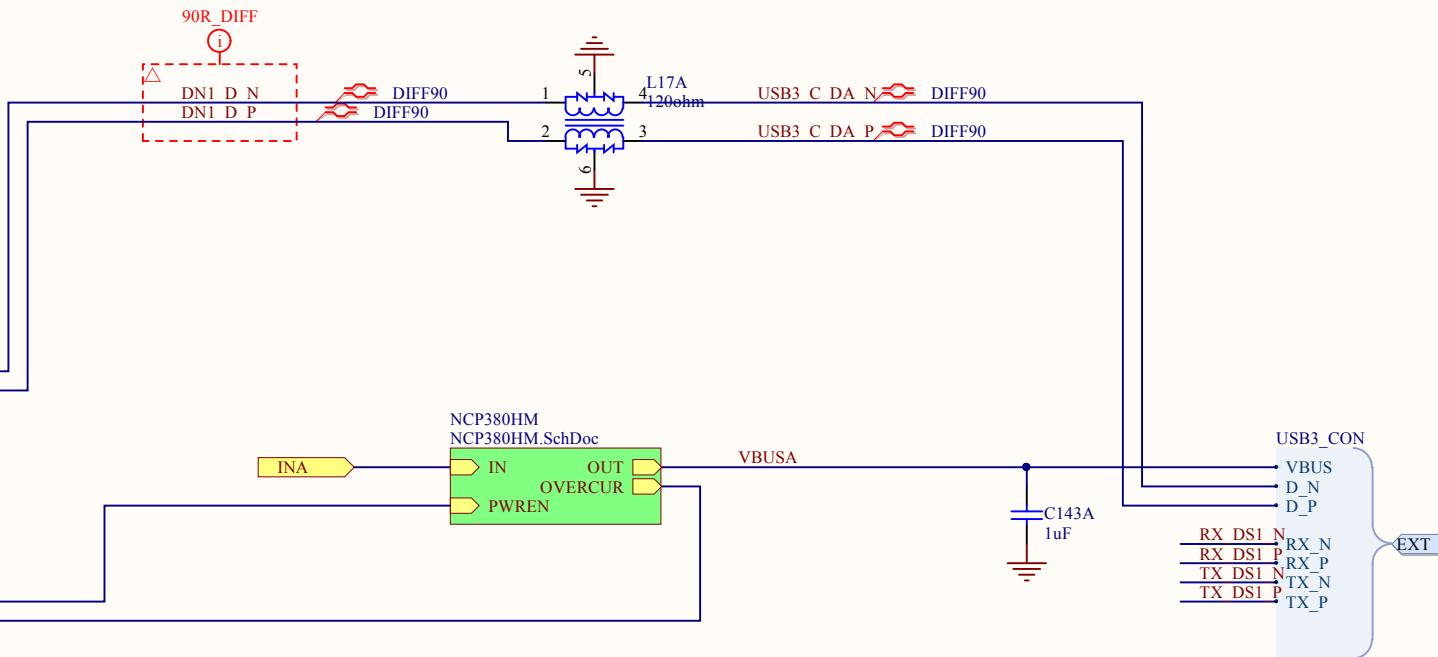
Title **USB HOST PWR SW**Size: **A4** Number:**28.** Revision**0.1**Date: **2015-07-06** Time: **오전 10:00** 3Sheet**28** of **33**File: **USB2_HOST_PWR_SW.SchDoc**

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**Title *USB3 BUS POWER***

Size: A4 Number: 19.1 Revision: 0.1

Date: 2015-07-06 Time: 오전 10:00 | 3Sheet 29 of 33

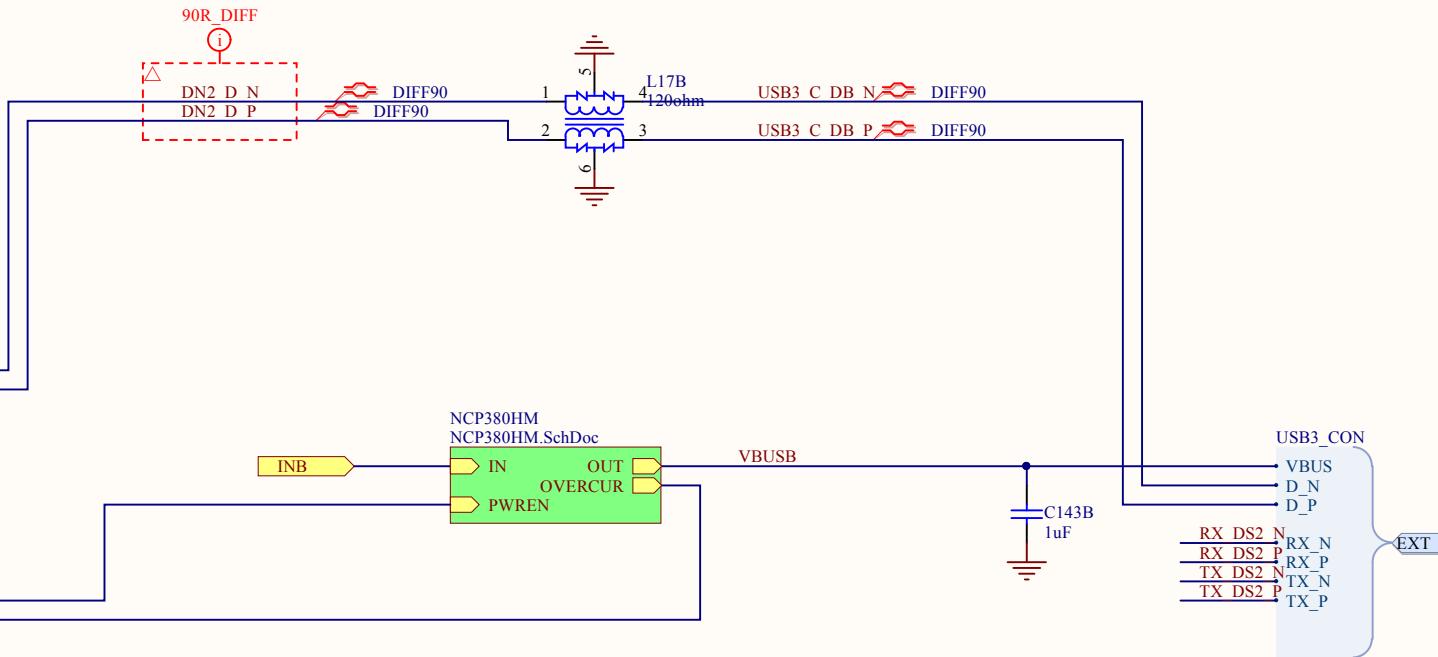
File: USB3_BUS_PWR.SchDoc

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Title **USB3 BUS POWER**

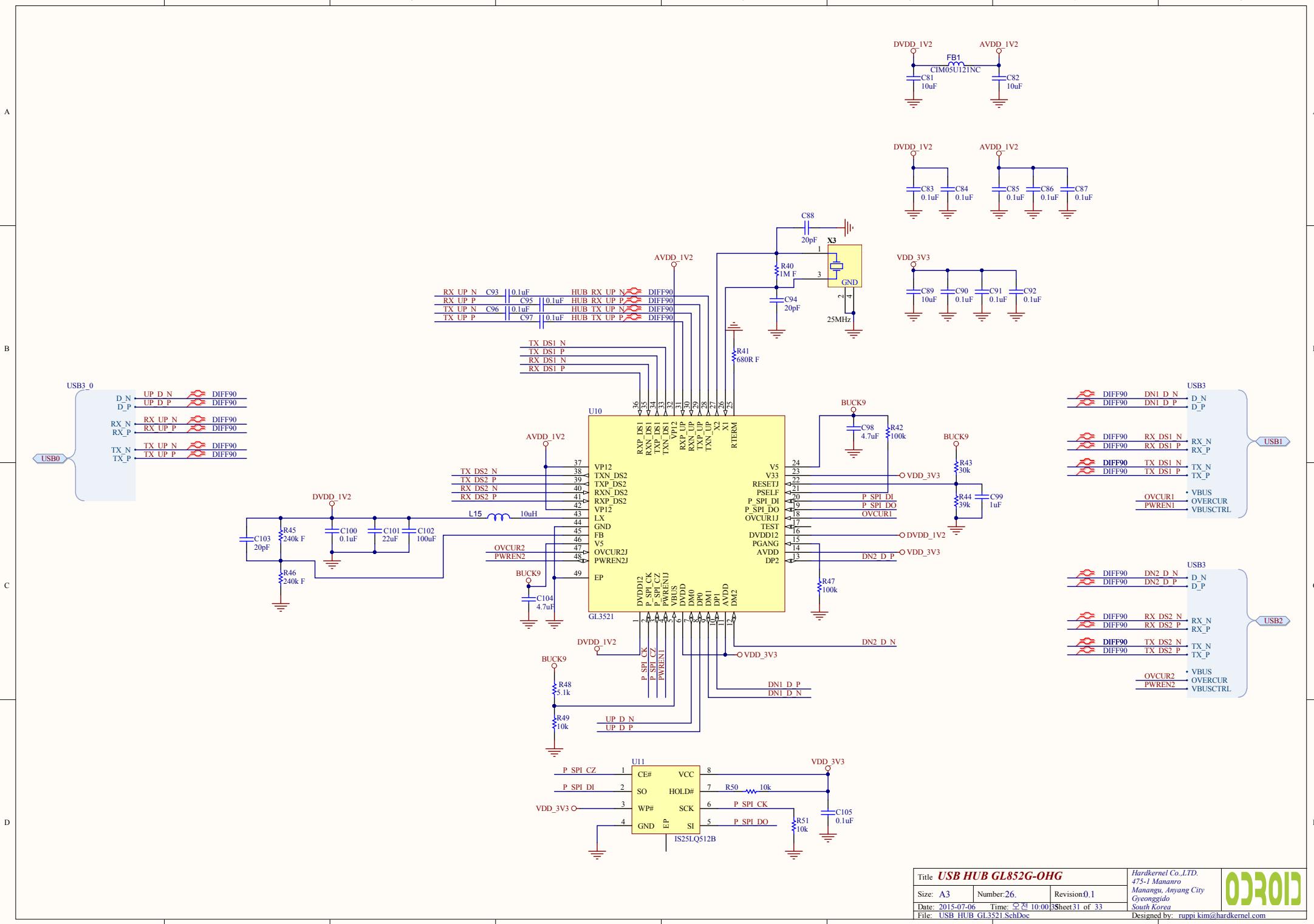
Size: A4 Number:19.2 Revision:0.1

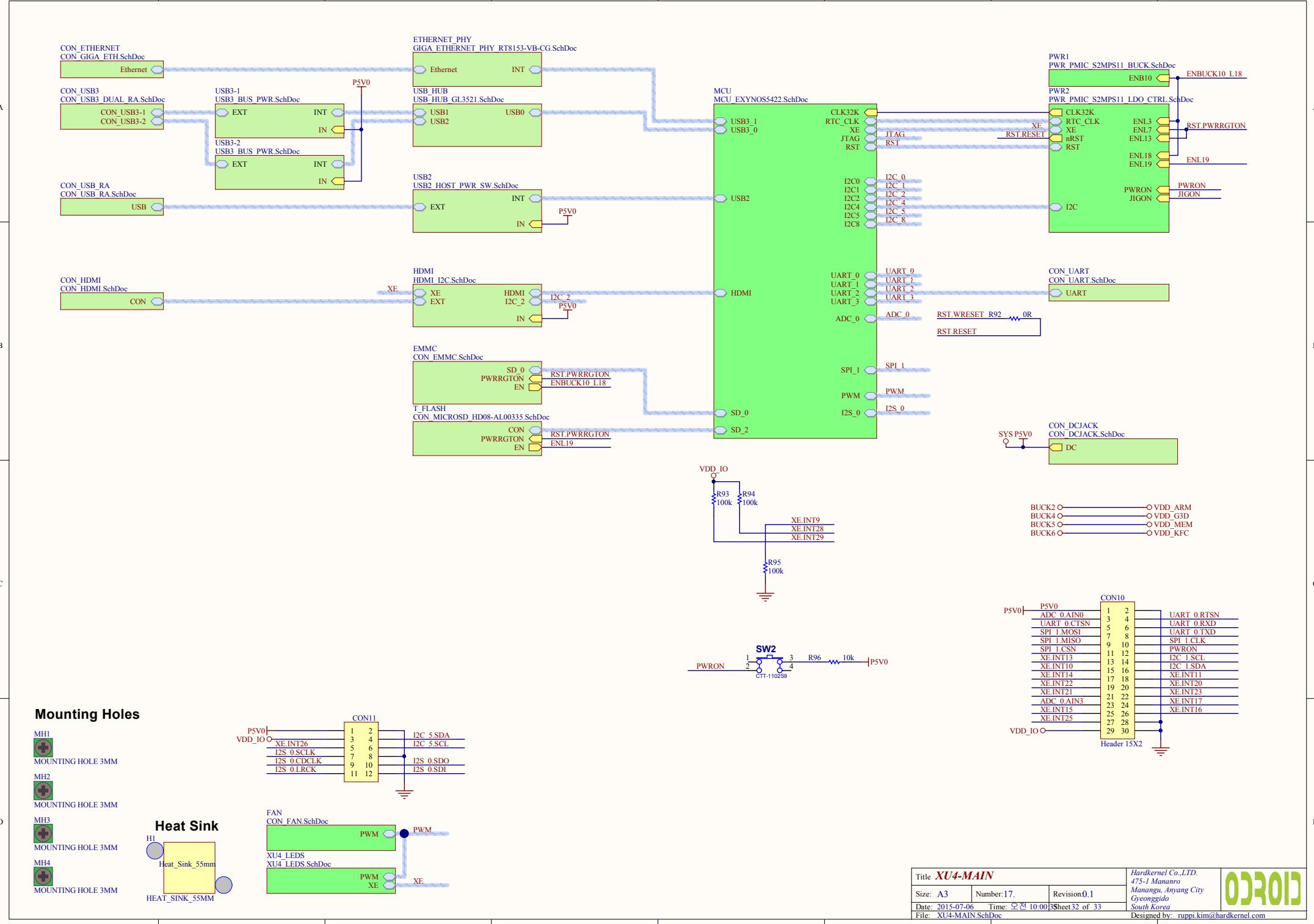
Date: 2015-07-06 Time: 오전 10:00 3Sheet30 of 33

File: USB3_BUS_PWR.SchDoc

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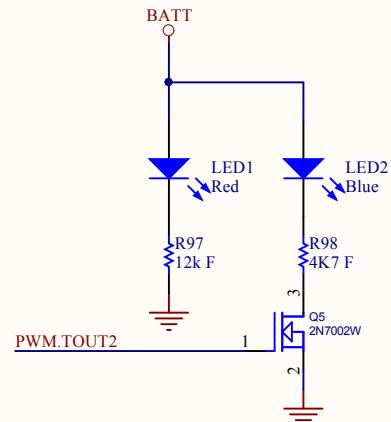
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Title *Indicator LEDs*

Size: A4	Number: 25.	Revision: 0.1
Date: 2015-07-06	Time: 오전 10:00	Sheet 33 of 33
File: XU4_LEDS.SchDoc		

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