

Content Indexing

PDF
Number of pages


01.Index	-----1
02.Change List	-----2
03.Block Diagram	-----3
04.Power tree-RK805-1	-----4
05.System Power-PMIC RK805-1	-----5
06.RK3328 Power	-----6
07.RK3328 OSC/PLL/OTP/SARADC	-----7
08.RK3328 DDR Controler	-----8
09.RK3328 eMMC Controler/TF/SPI	-----9
10.RK3328 USB2 PHY/USB3 PHY	-----10
11.RK3328 SDIO/UART/I2C/I2S/IR	-----11
12.RK3328 HDMI PHY	-----12
13.RK3328 AV Interface	-----13
14.RK3328 FEPHY	-----14
15.RAM DDR4 2x16bit	-----15
16.DC_IN/RECOVER	-----16
17.TF/SD Card/AT18	-----17
18.Flash-eMMC	-----18
19.USB Port	-----19
20.HDMI OUT Port	-----20
21.AV OUT Port	-----21
22.10/100M-Embed PHY	-----22
23.WIFI+BT_1T1R	-----23
24.Connector	-----24

Note:

Component parameter description

1. DNP stands for component not mounted temporarily

2. If Value or option is DNP, which means the area is reserved without being mounted

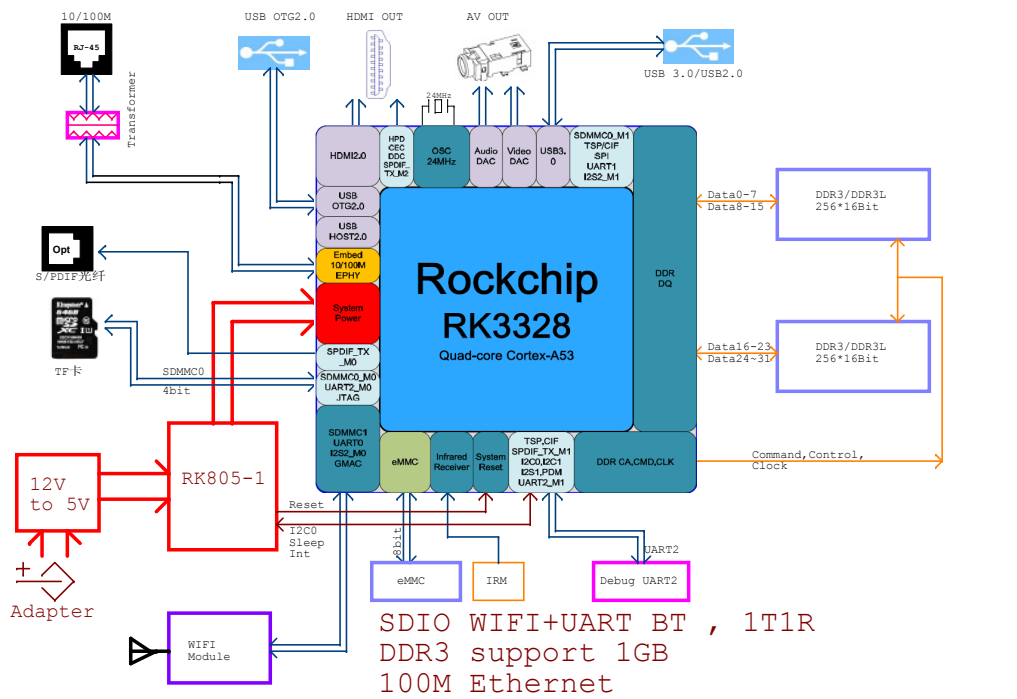
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Create Date: Thursday, March 09, 2017	Page Num: 1		
Modify Date: Monday, September 25, 2017	Page Total: 24		

Version	Date	Author	Change Note	Approved
V00	20170925	LZZ	First edictor	

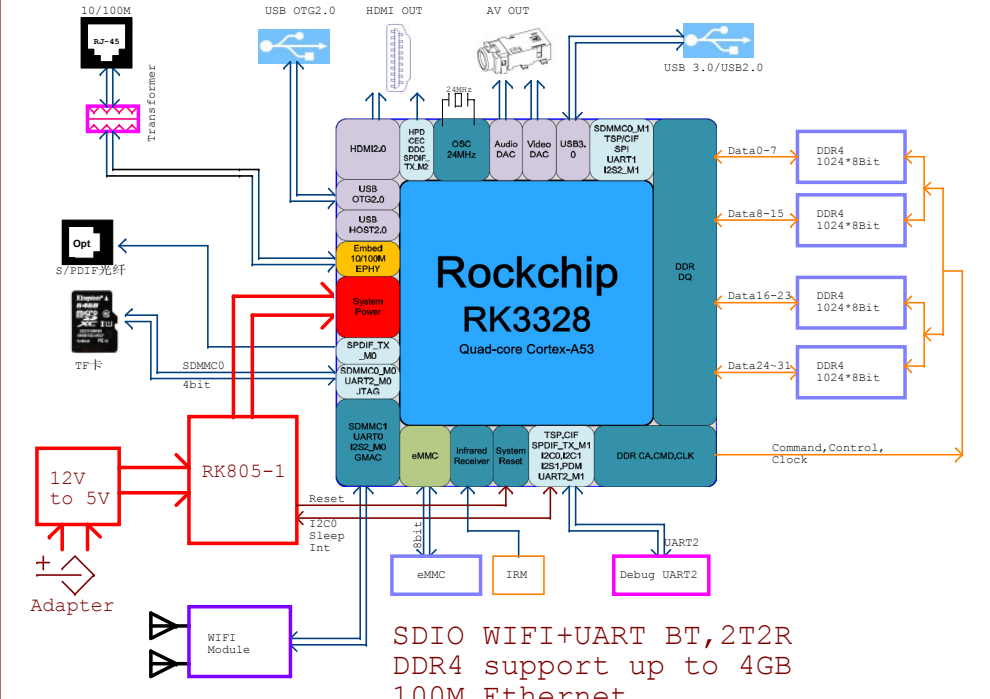


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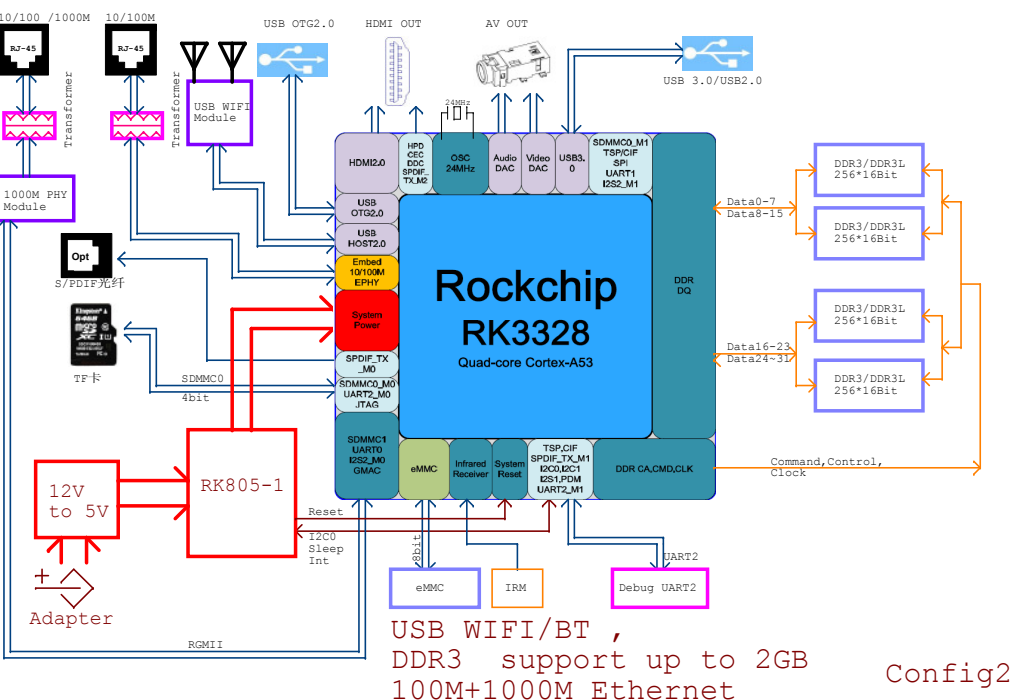
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Create Date: Thursday, March 09, 2017	Page Num: 2	
Modify Date: Monday, September 25, 2017	Page Total: 24	



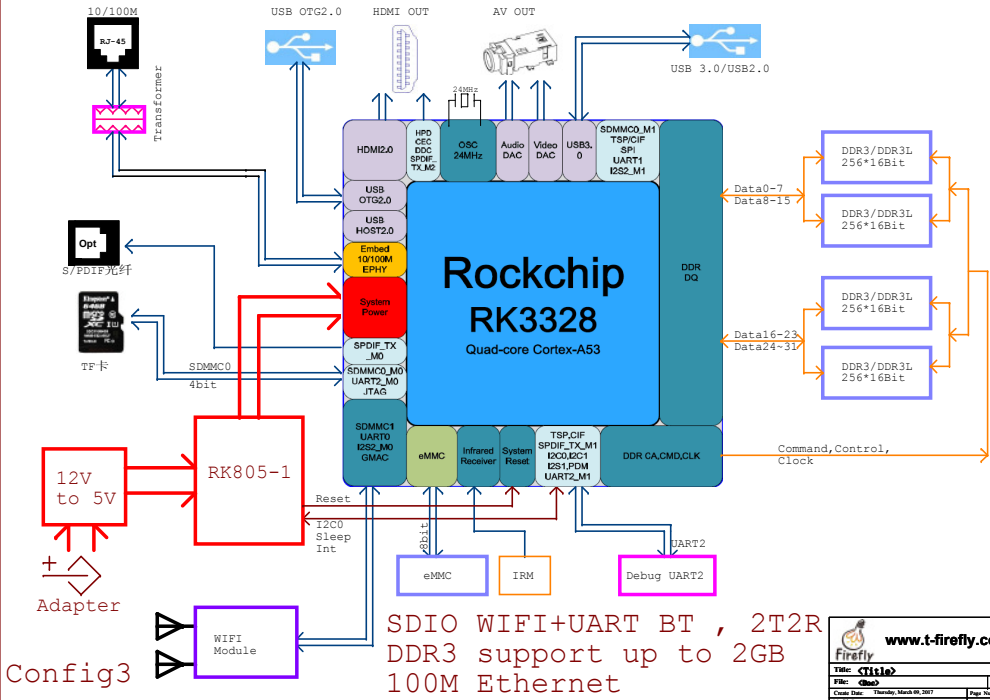
Default config



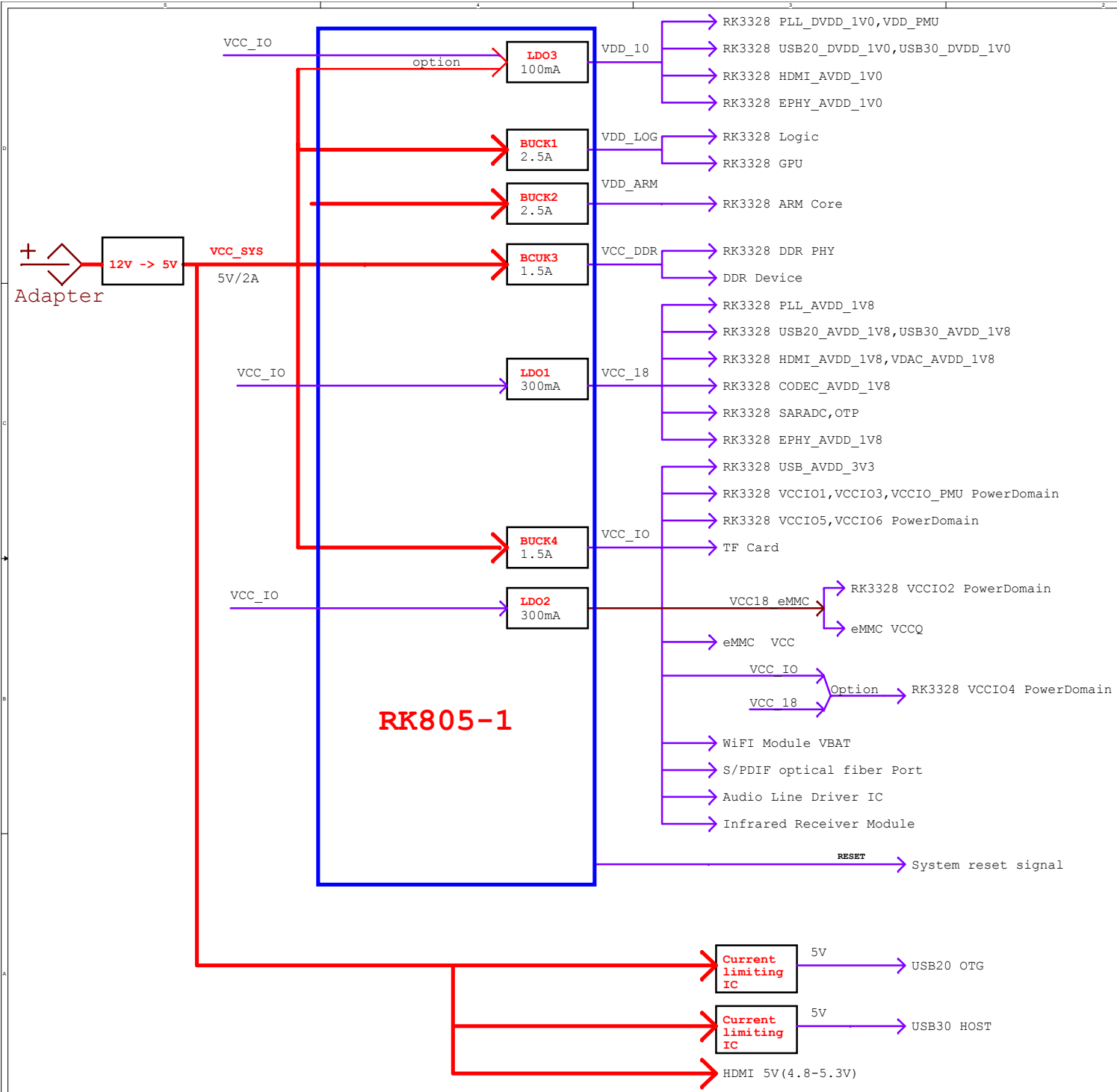
Config4



Config2



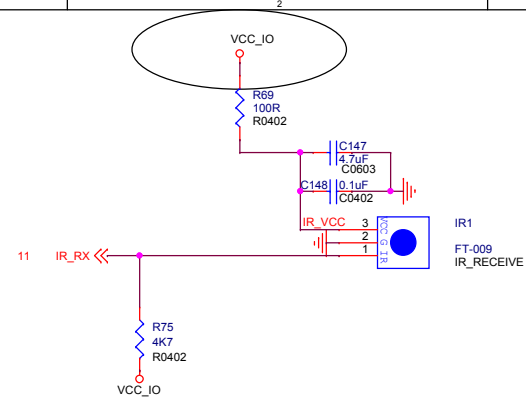
Config3



Power Timing

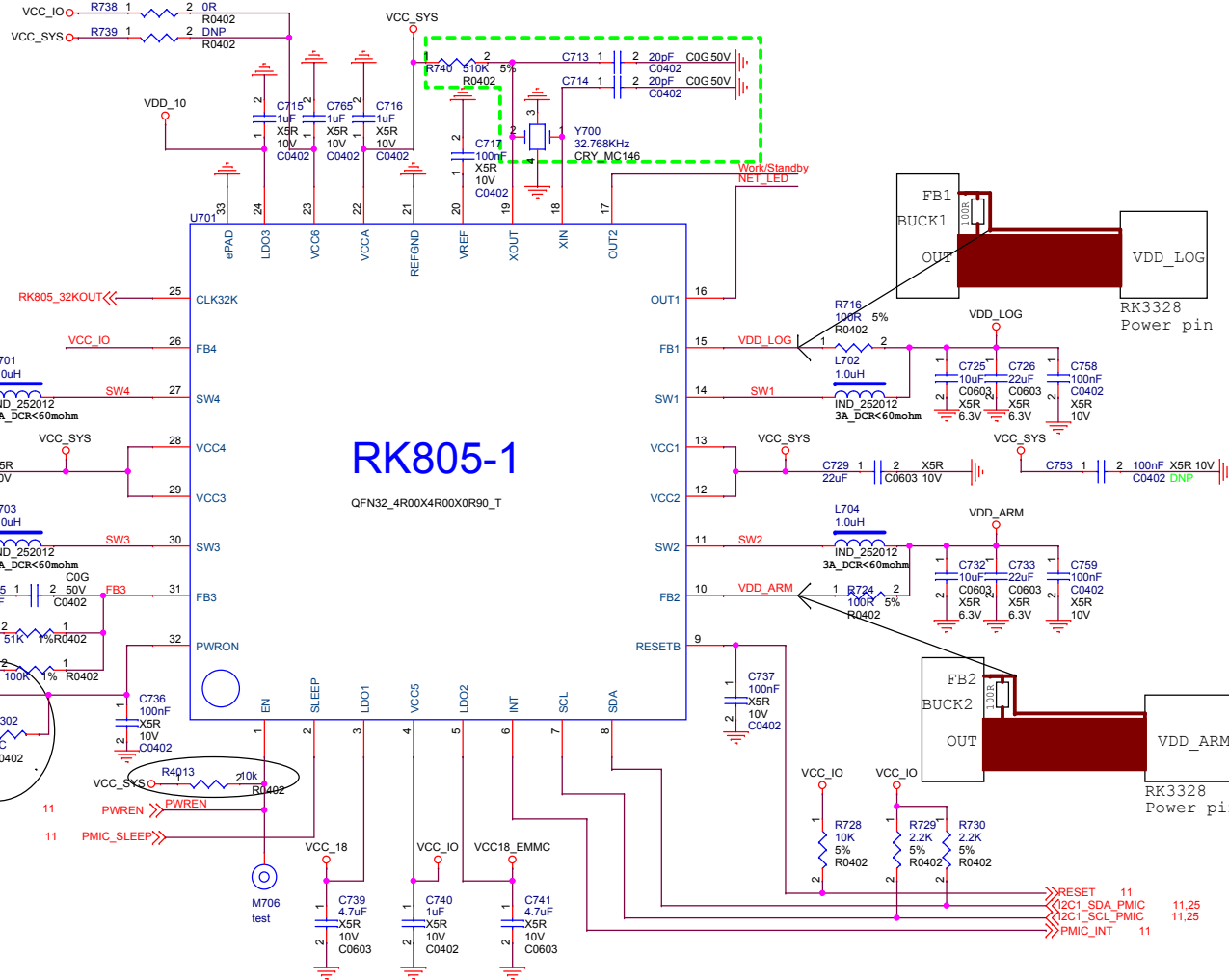
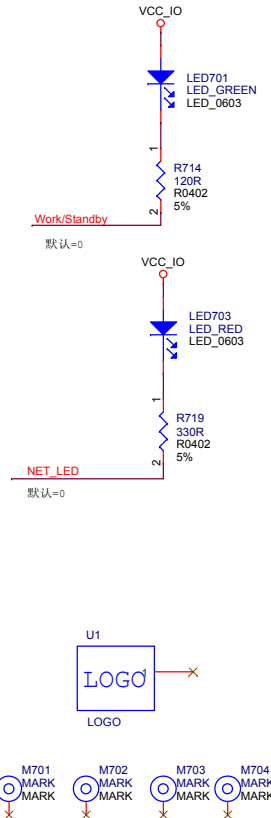
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BUCK2	1.1V		VDD_ARM
BUCK3	FB=0.8V		VCC_DDR
BUCK4	3.3V		VCC_IO
LDO1	1.8V		VCC_18
LDO2	1.8V		VCC18_eMMC
LDO3	1.0V		VDD_10

IR



IR1
FT-009
IR_RECEIVE

LED DISPLAY



RK805-1

QFN32_4R00X4R00X0R90_T

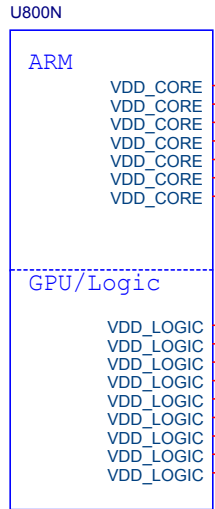
Default:DDR3=1.5V

	DDR3	DDR3L	DDR4
VCC_DDR	1.527V	1.353V	1.2V
R725	100K 1%	47K 1%	51K 1%
R726	110K 1%	68K 1%	100K 1%

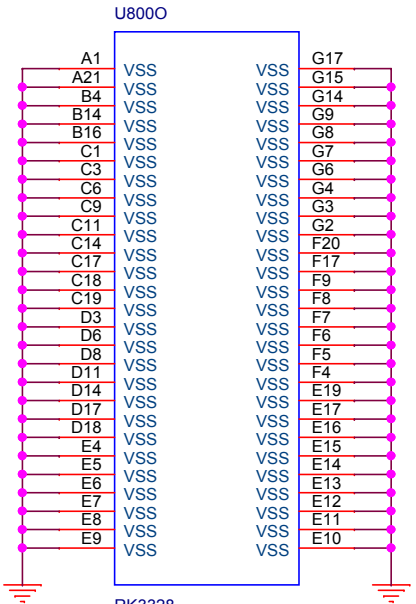
VCC_DDR

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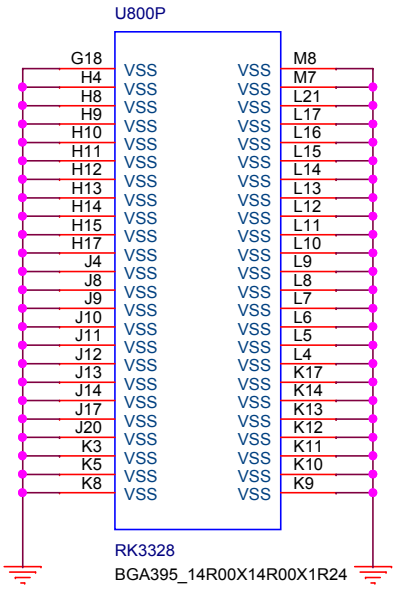
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 Modify Date: Monday, December 11, 2017 Page Total: 25



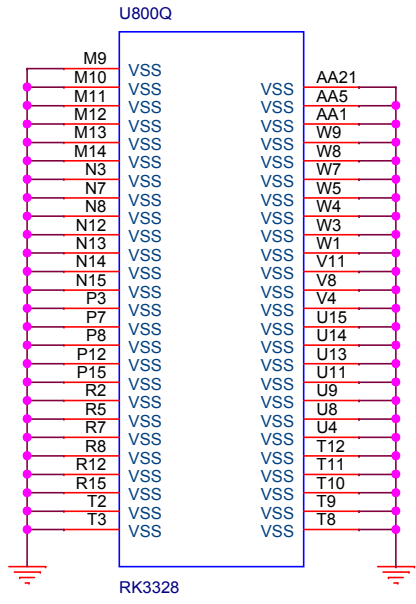
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BGA395_14R00X14R00X1R24




RK3328
BGA395_14R00X14R00X1R24



RK3328
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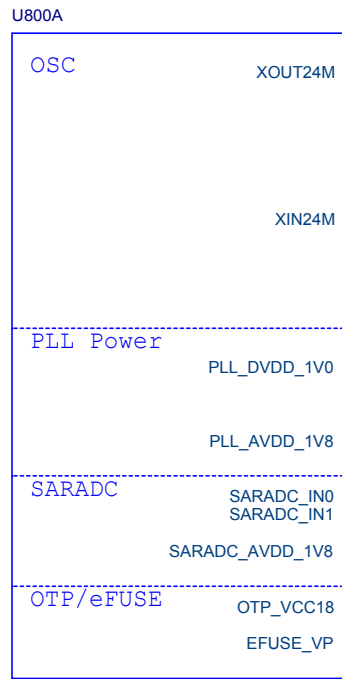


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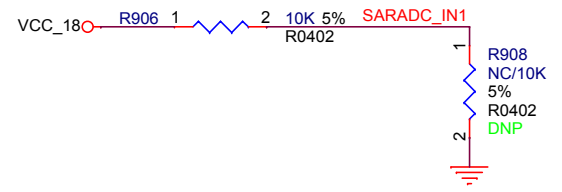
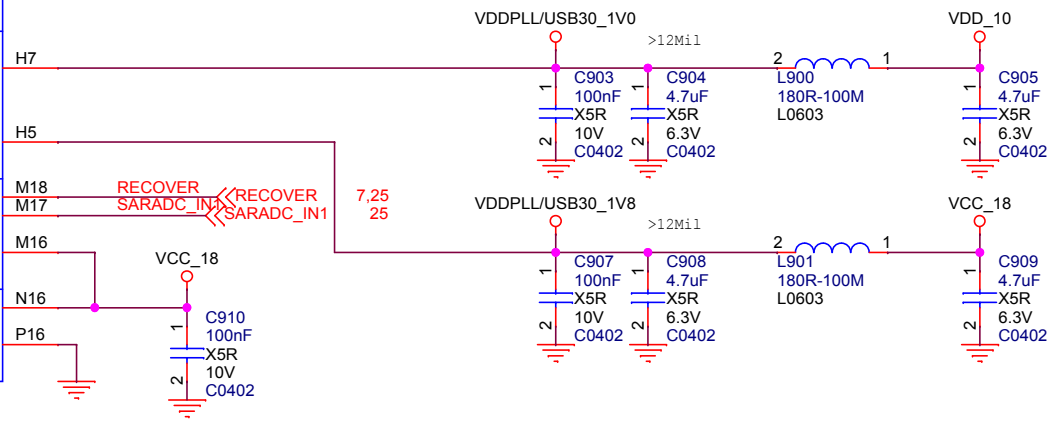
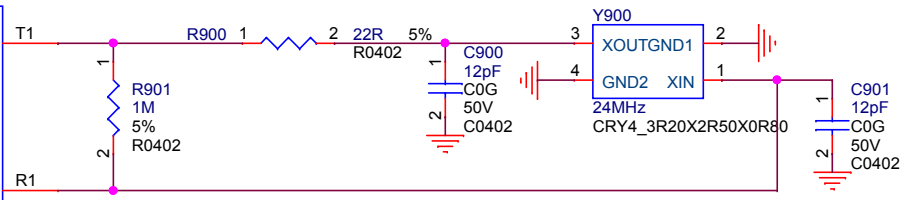



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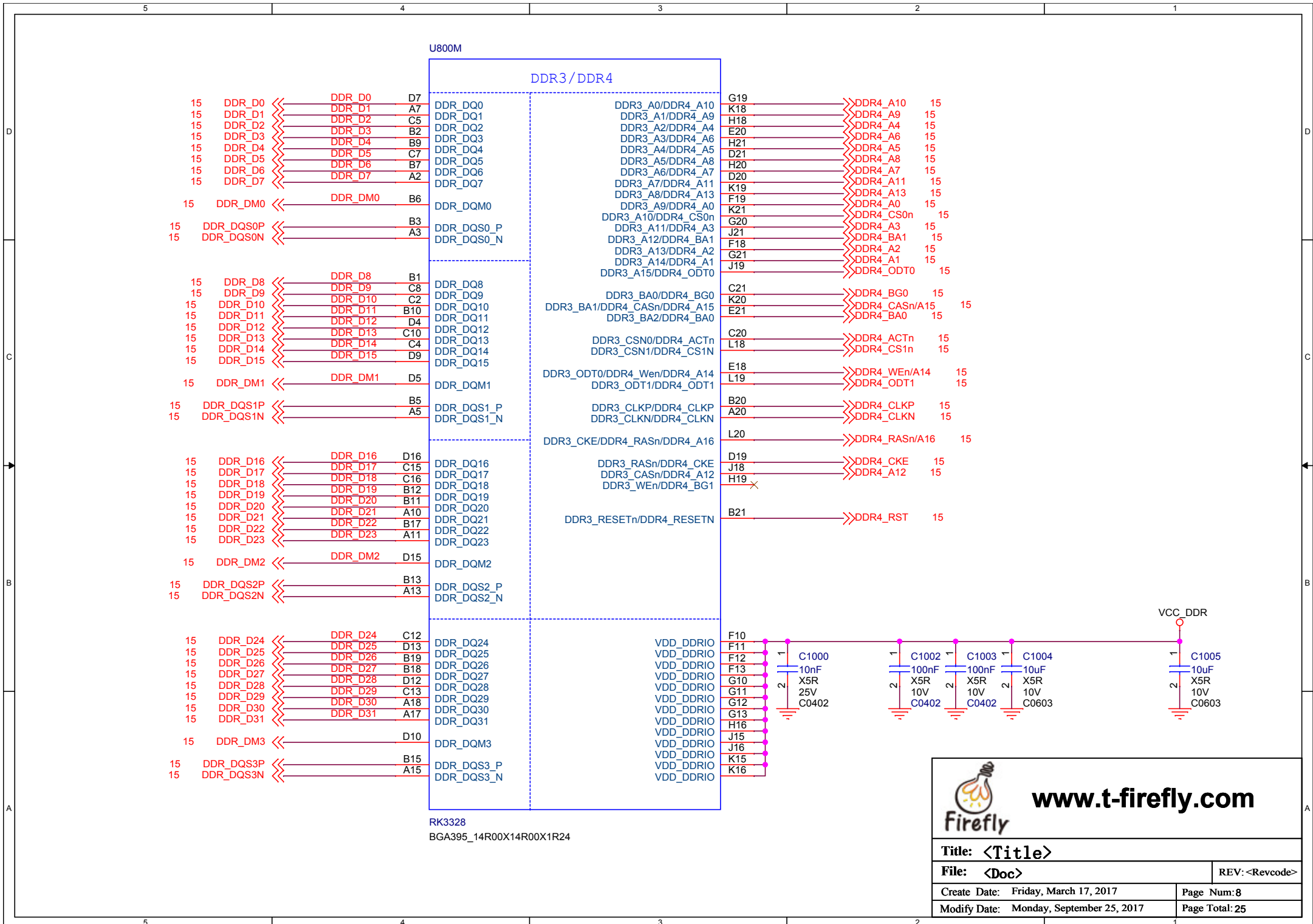



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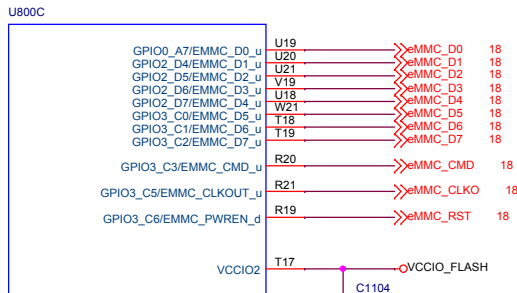
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Modify Date: Monday, December 11, 2017	Page Total: 25

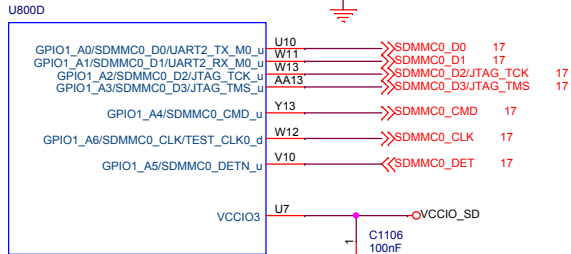



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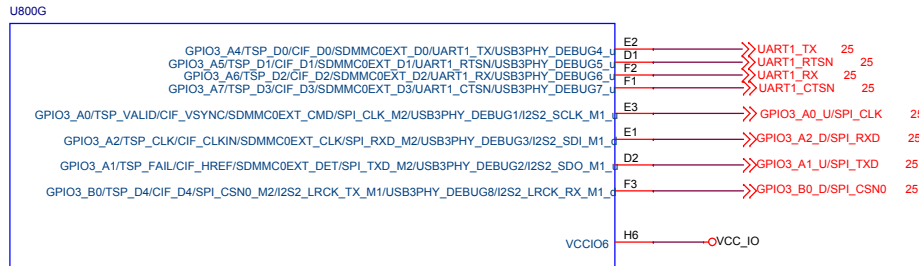
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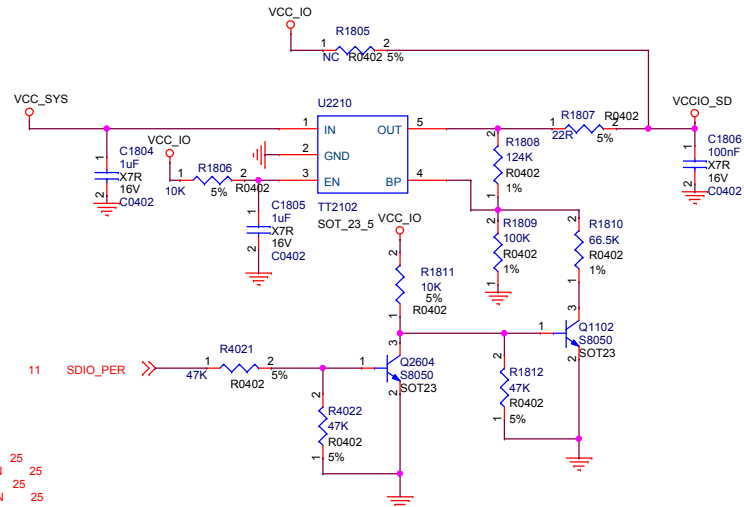
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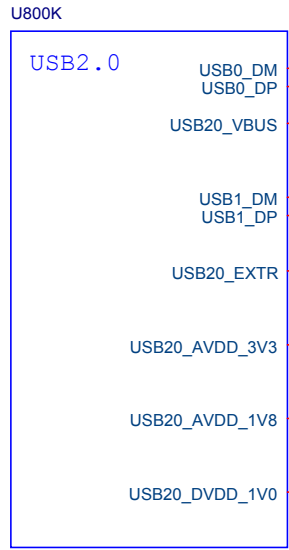


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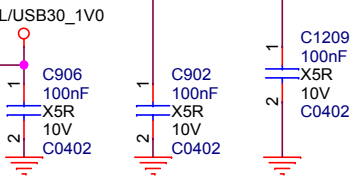
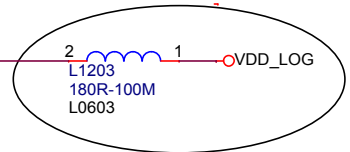
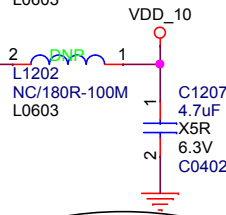
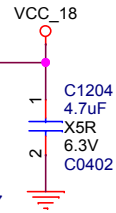
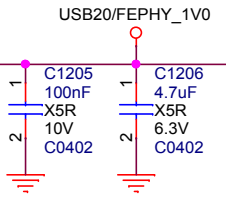
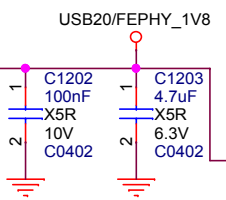
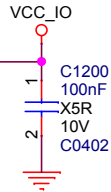
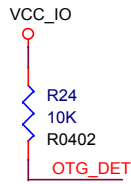





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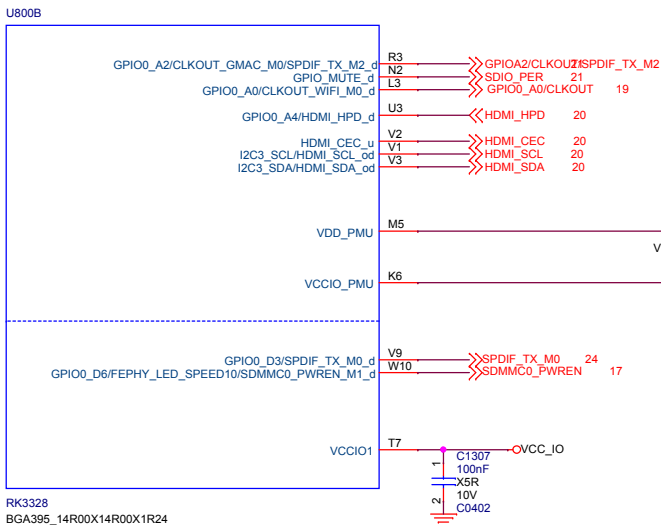
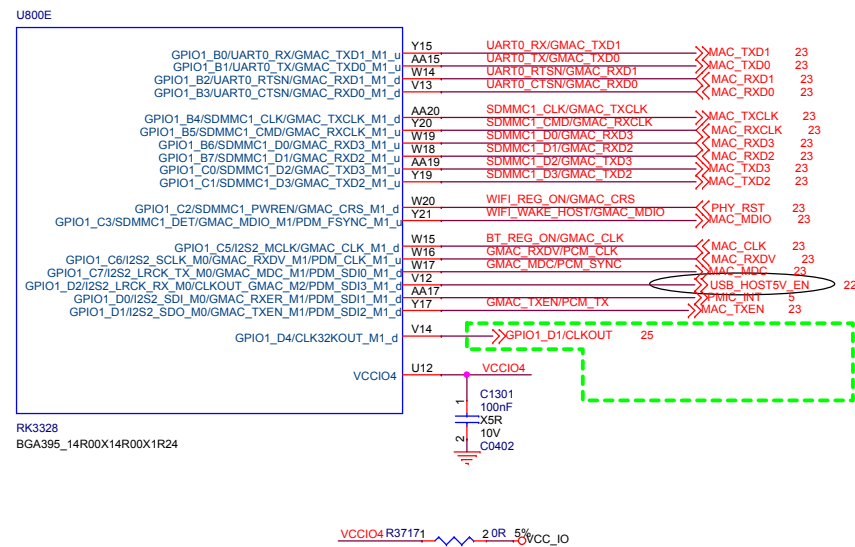
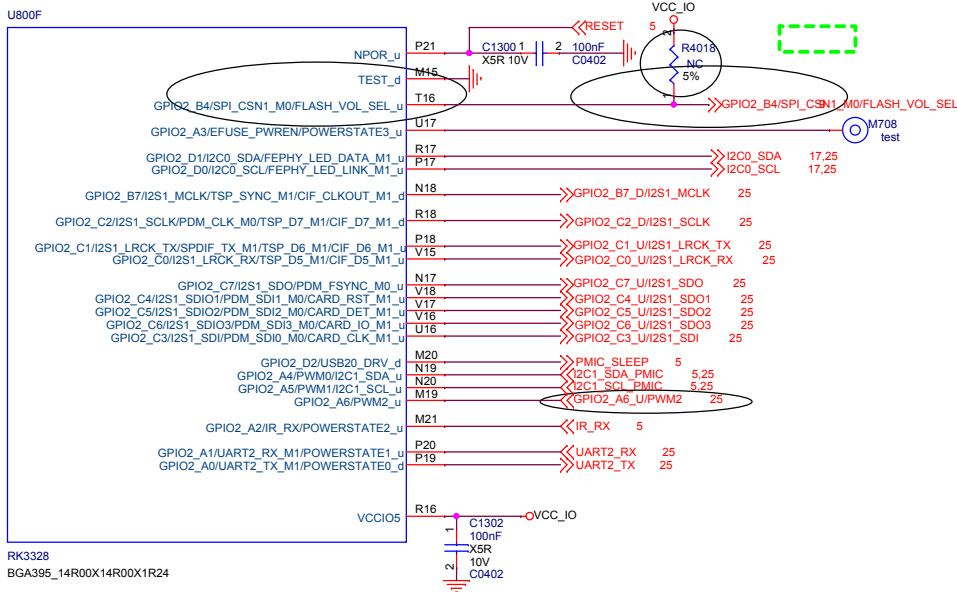


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Create Date: Thursday, March 09, 2017	Page Num: 10	
Modify Date: Monday, September 25, 2017	Page Total: 25	



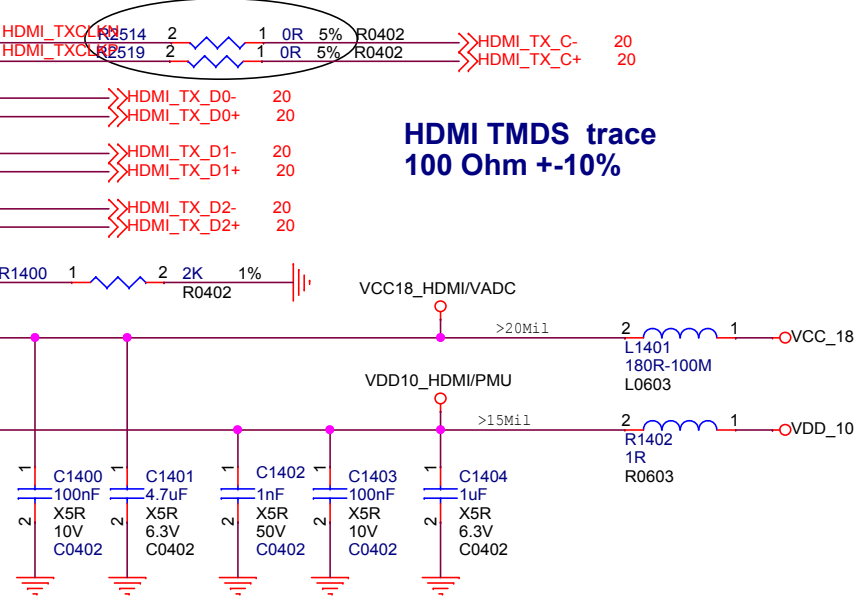
Firefly
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Modify Date: Monday, December 11, 2017 Page Total: 25


U8001



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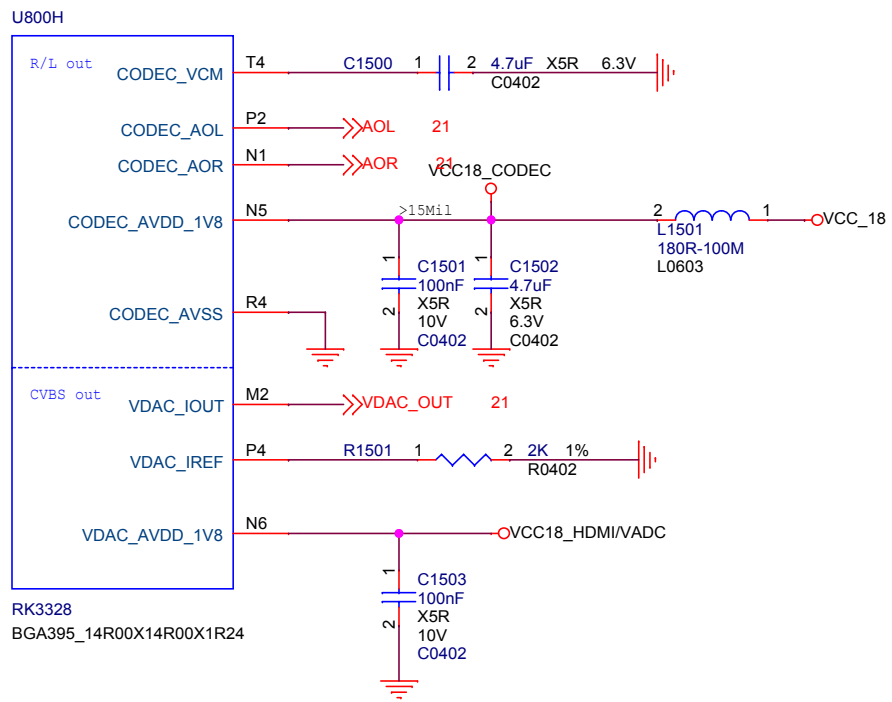



**HDMI TMS trace
100 Ohm +-10%**



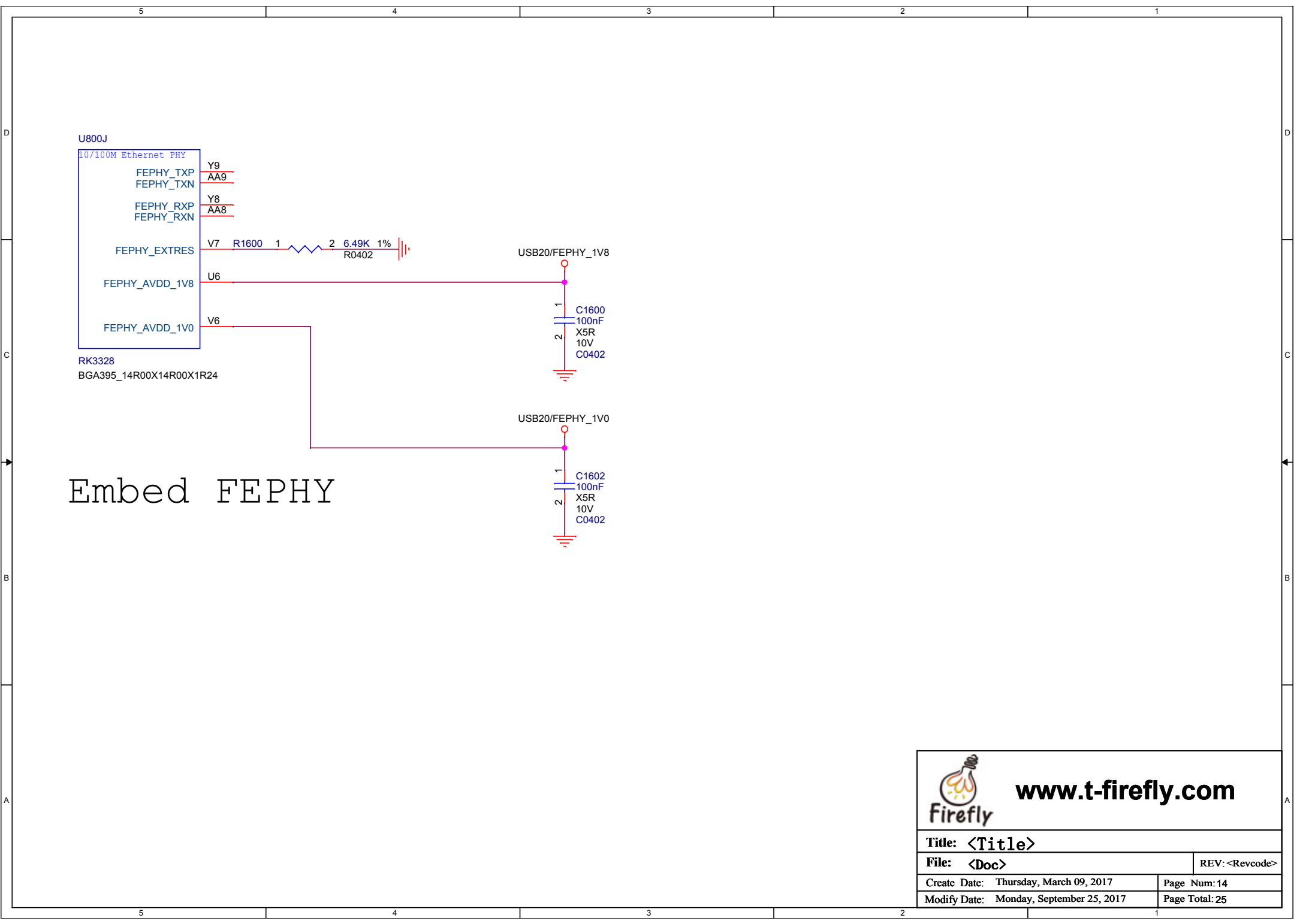
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Modify Date: Monday, September 25, 2017	Page Total: 25





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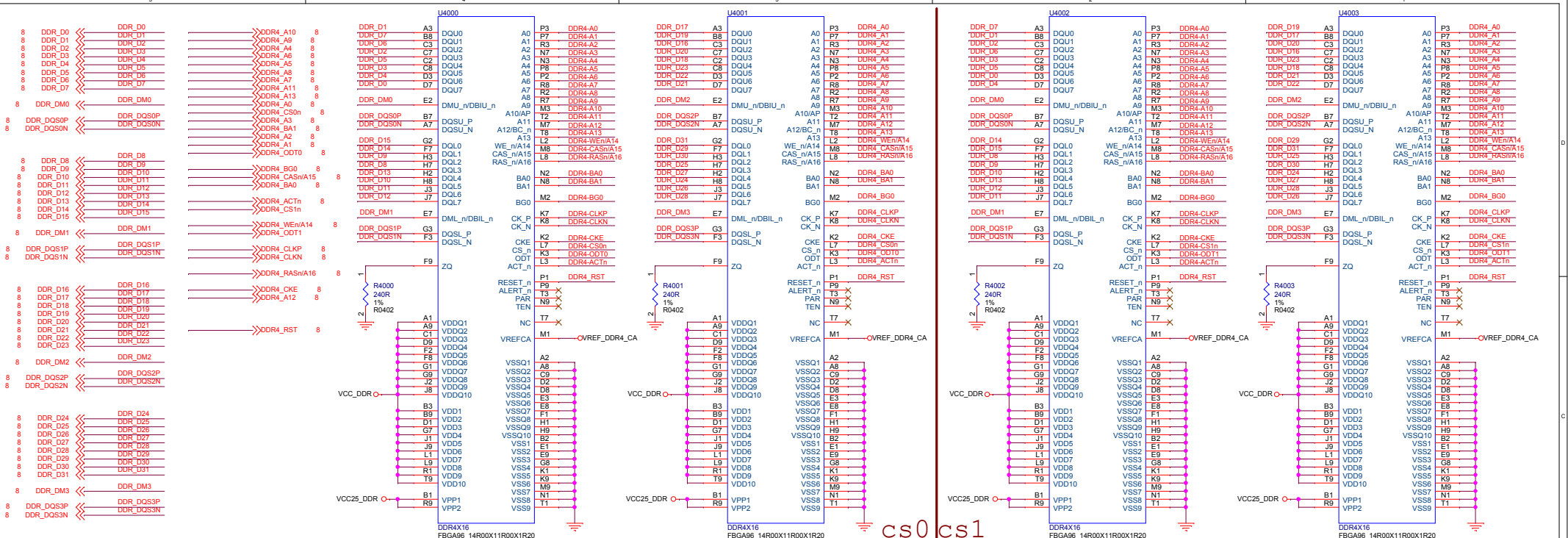
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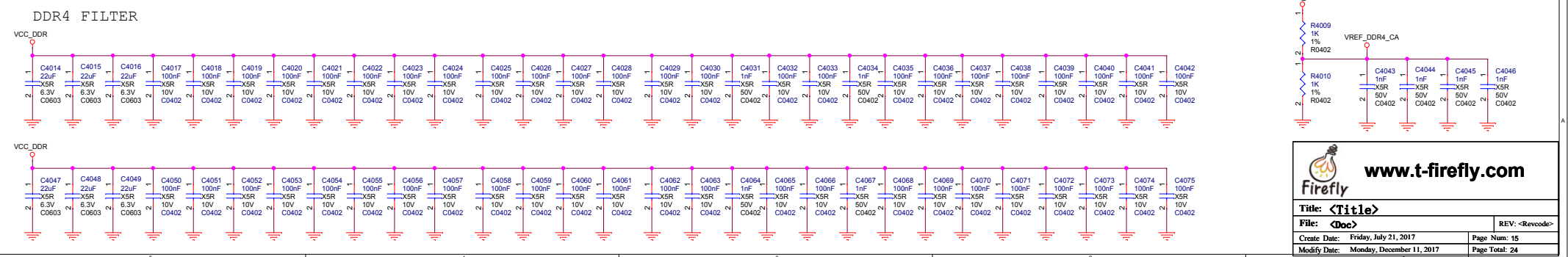
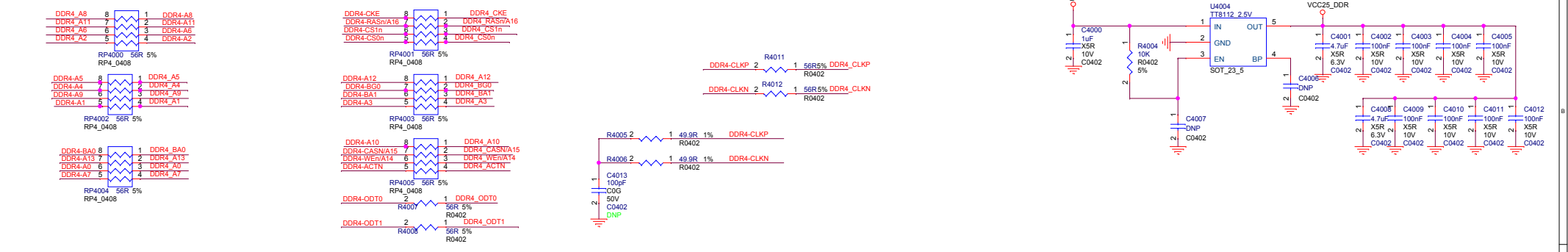
Embed FEPHY



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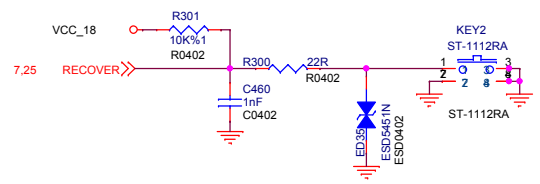
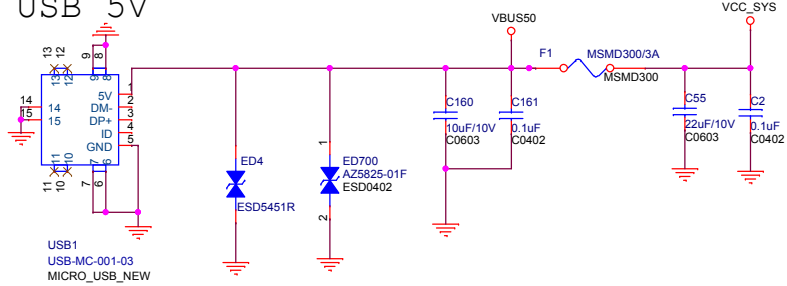


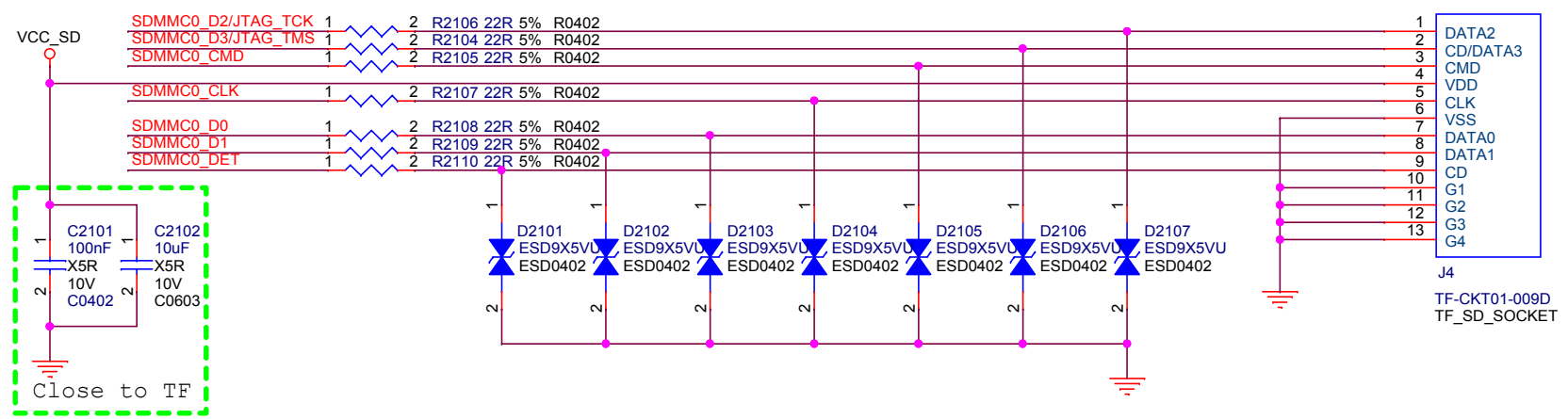
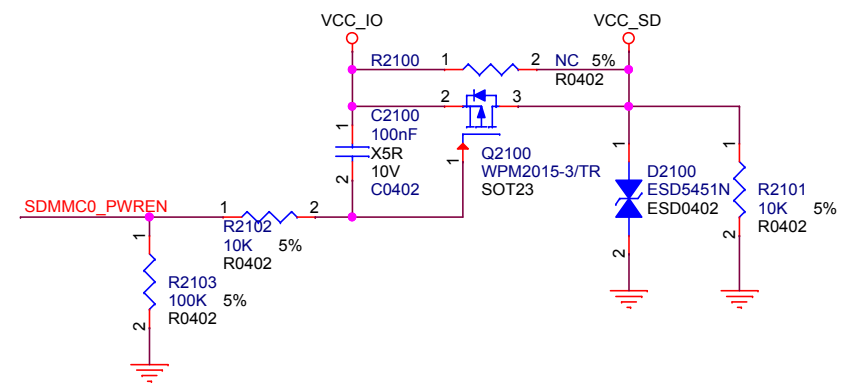
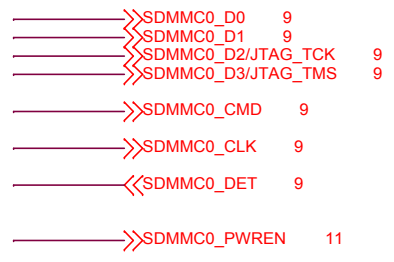
4X16bit DDR4



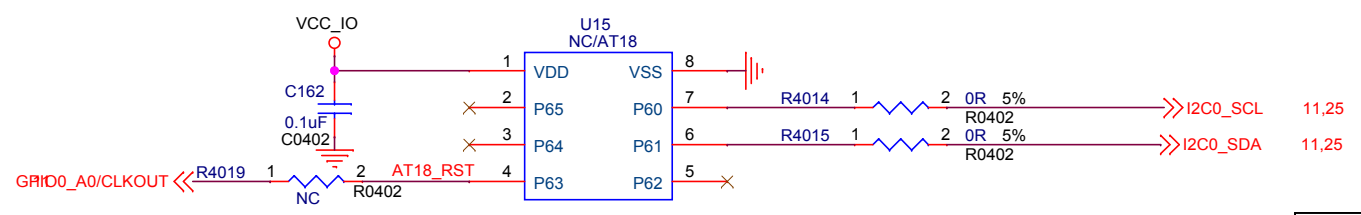

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Modify Date: Monday, December 11, 2017 **Page Total:** 24

USB 5V



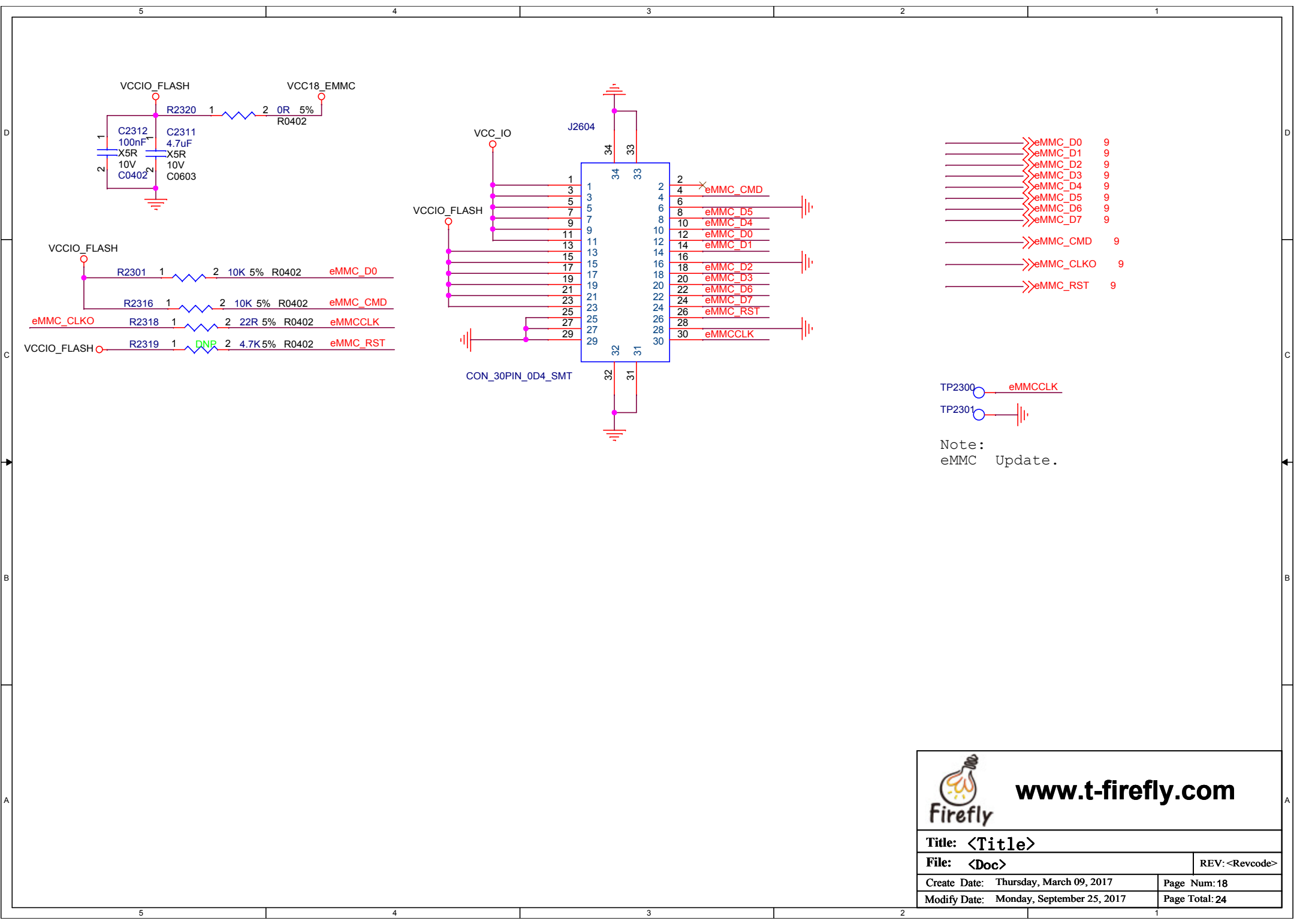


AT18

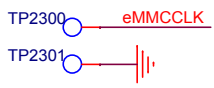


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Title: <Title>
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 Create Date: Thursday, March 09, 2017 Page Num: 17
 Modify Date: Monday, September 25, 2017 Page Total: 24



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- >>eMMC_D1 9
- >>eMMC_D2 9
- >>eMMC_D3 9
- >>eMMC_D4 9
- >>eMMC_D5 9
- >>eMMC_D6 9
- >>eMMC_D7 9
- >>eMMC_CMD 9
- >>eMMC_CLKO 9
- >>eMMC_RST 9

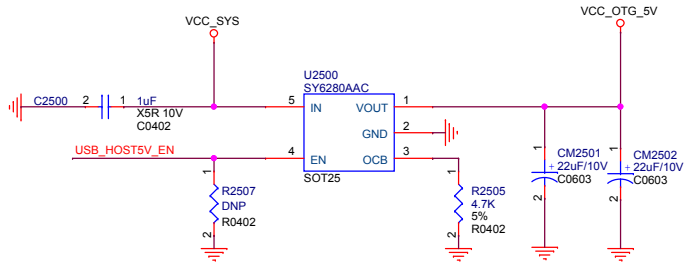


Note:
eMMC Update.

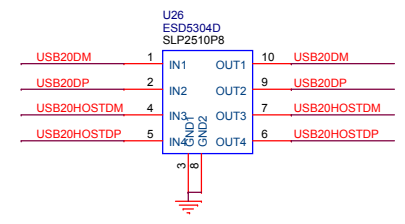
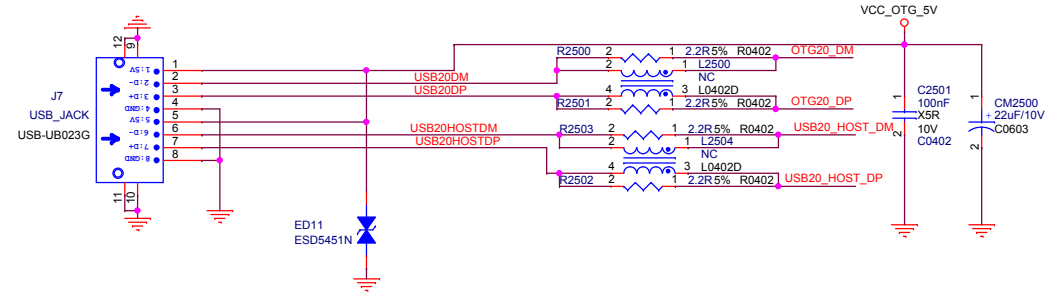


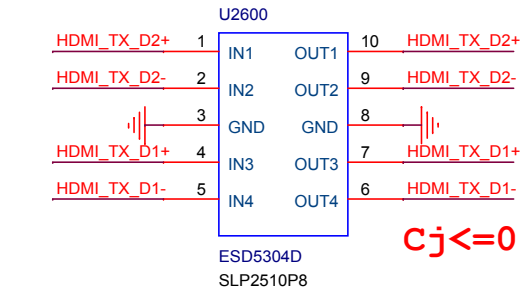
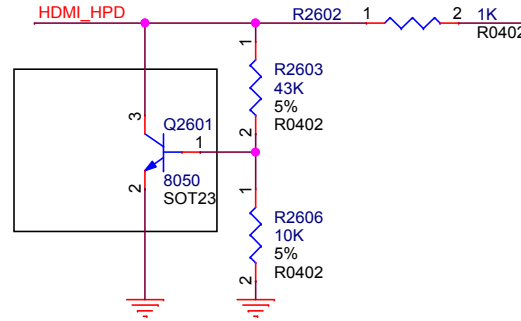
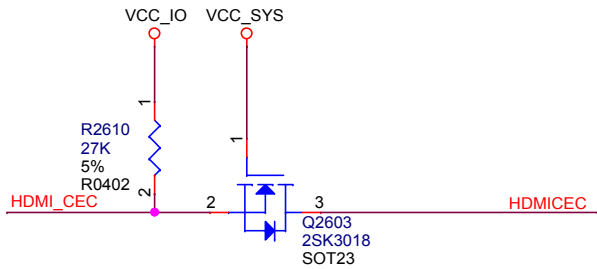
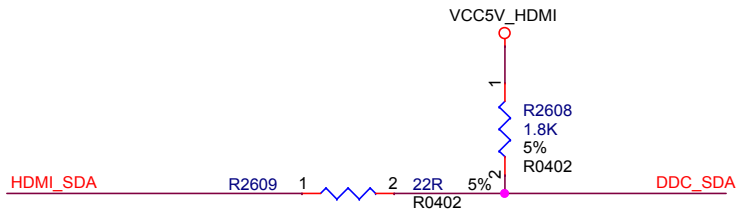
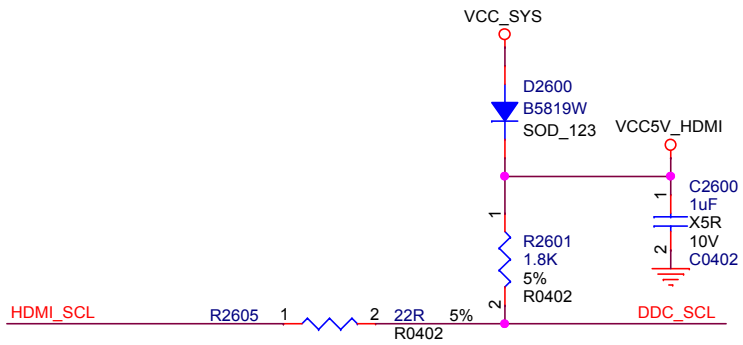
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Modify Date: Monday, September 25, 2017	Page Total: 24

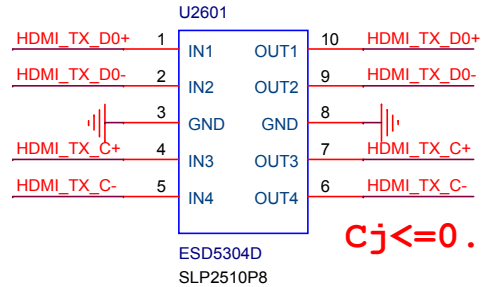


- >>>USB20_HOST_DM 10
- >>>USB20_HOST_DP 10
- >>>OTG20_DM 10
- >>>OTG20_DP 10
- >>>USB_HOST5V_EN 11
- >>>OTG_DET 10

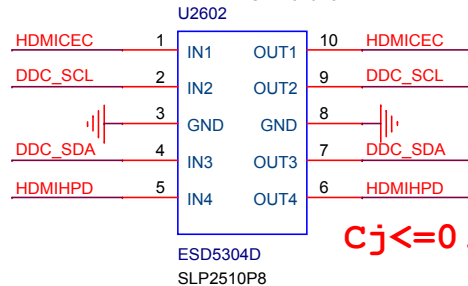




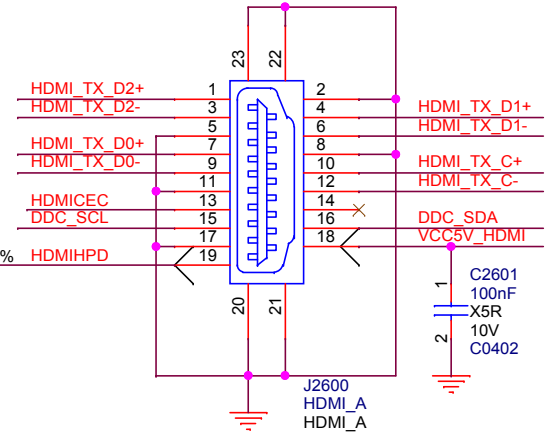
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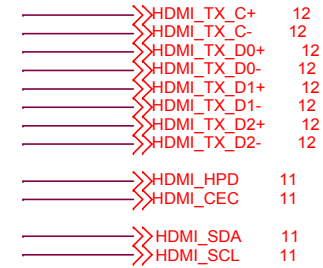
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Cj <= 0.4pF



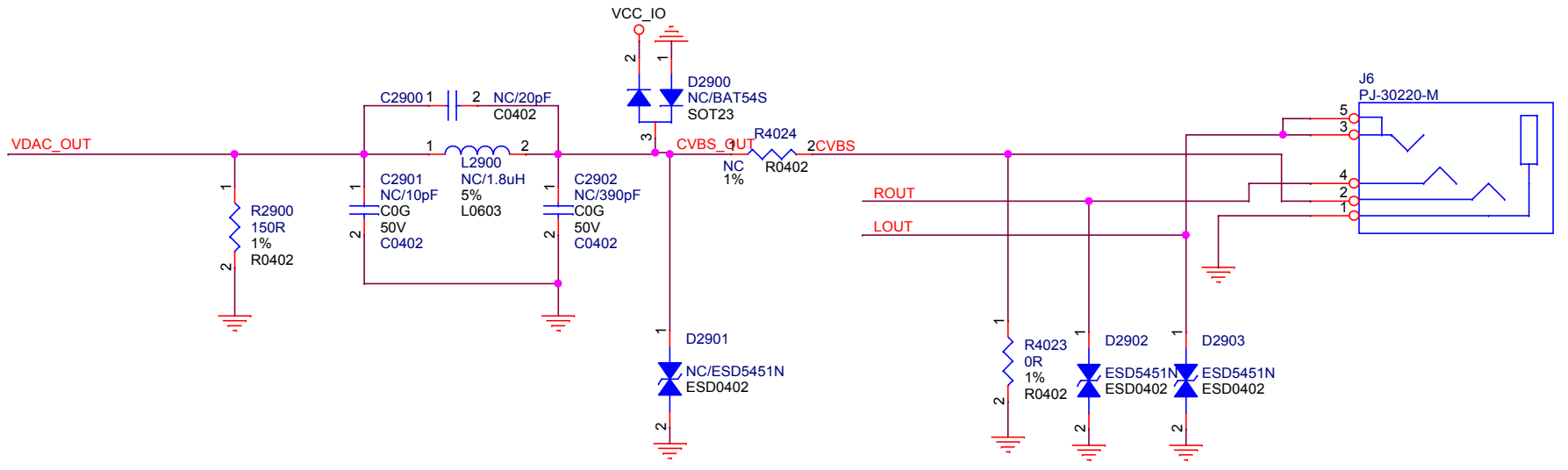
HDMI OUT



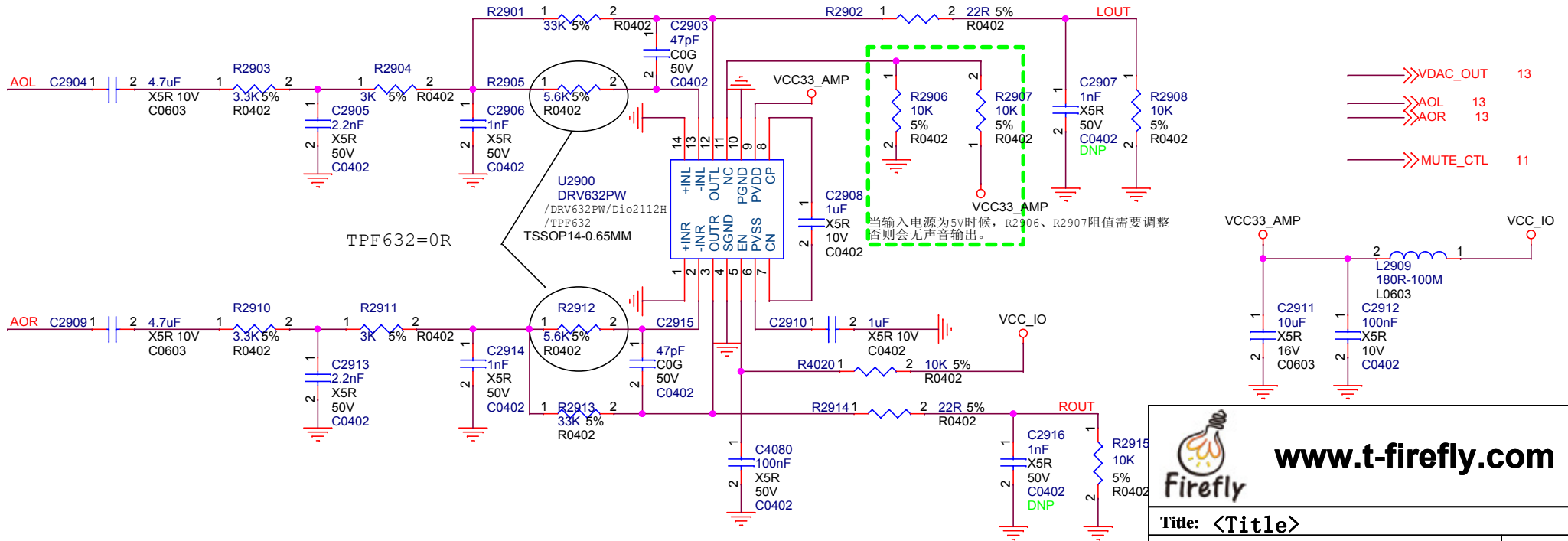


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Modify Date: Monday, September 25, 2017	Page Total: 24		




AV OUT



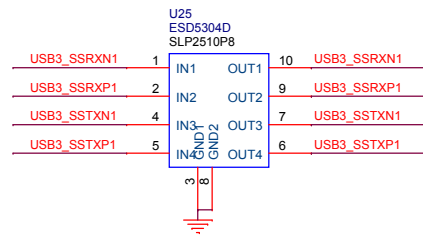
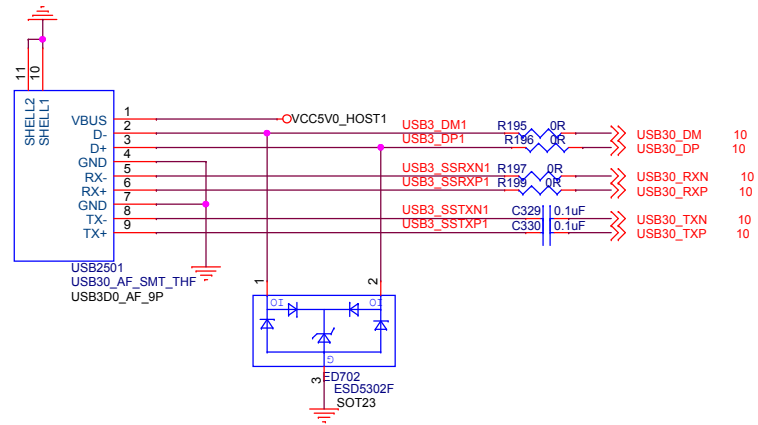
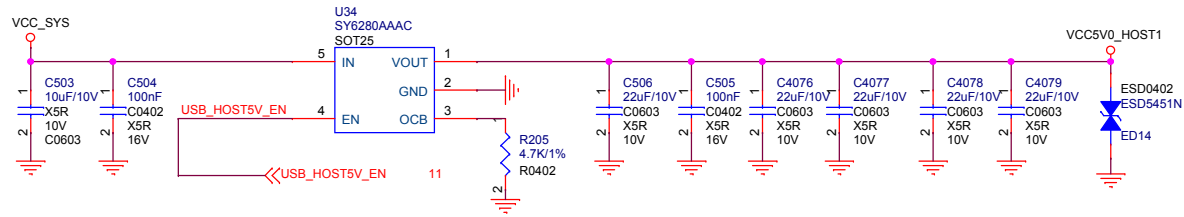
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- >>>AOL 13
- >>>AOR 13
- >>>MUTE_CTL 11


2-Vrms Audio Line Driver

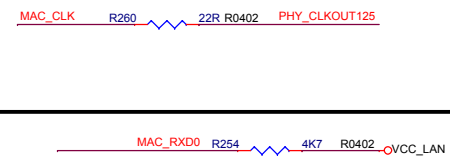
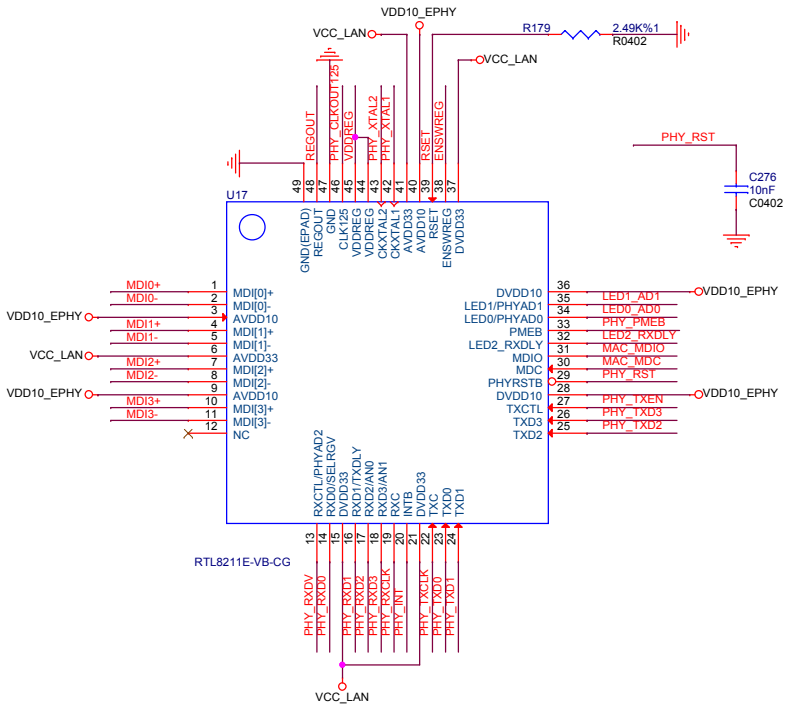
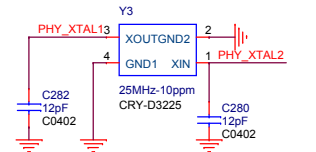
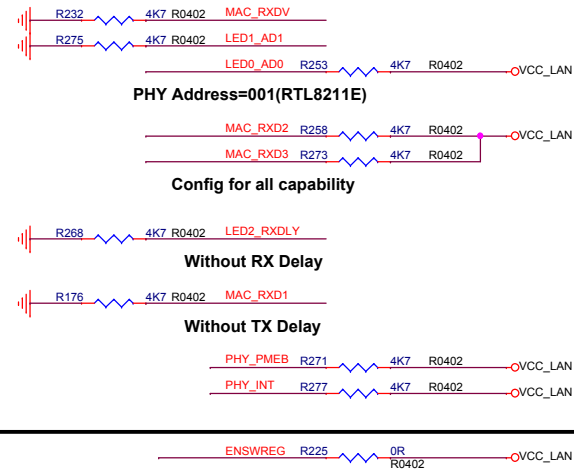
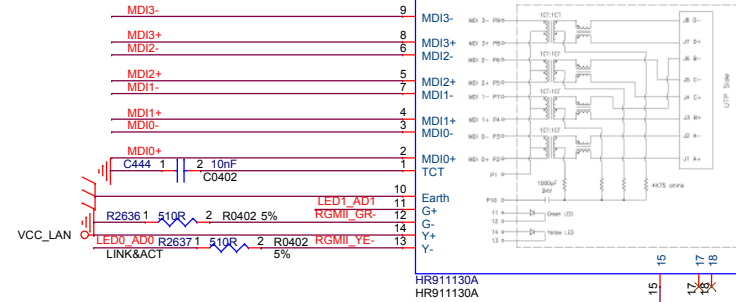
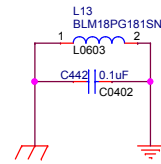
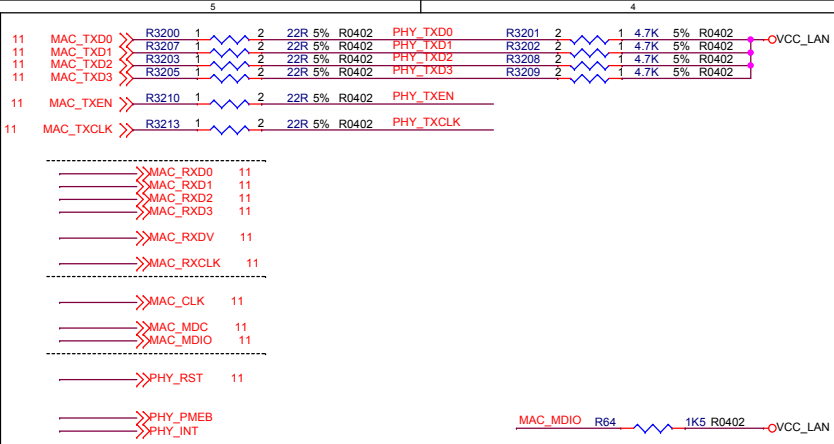


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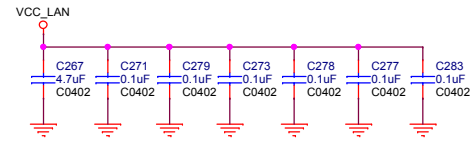
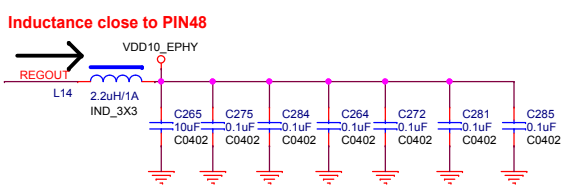
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Modify Date: Monday, September 25, 2017	Page Total: 24	



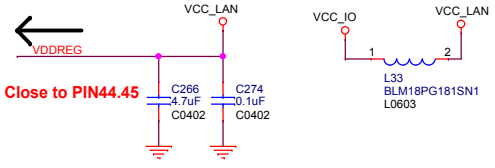
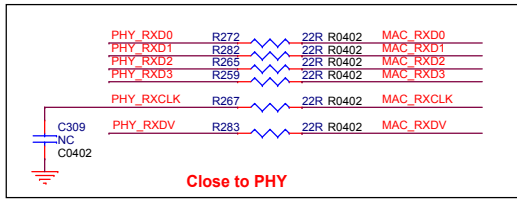
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Create Date: Tuesday, May 16, 2017	Page Num: 22		
Modify Date: Monday, September 25, 2017	Page Total: 24		



Connect ENSWREG to AVDD33 to enable Switching regulator or connect ENSWREG to GND to disable Switching regulator.

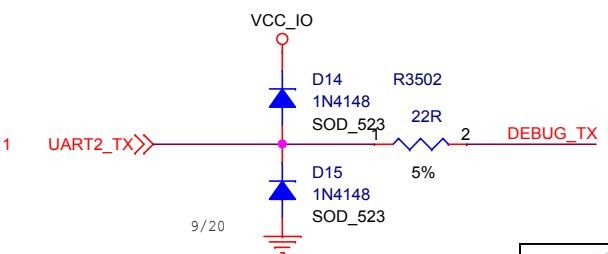
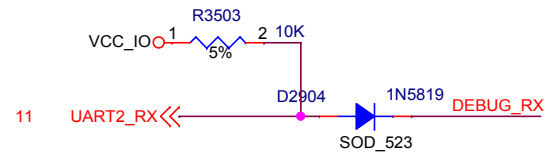
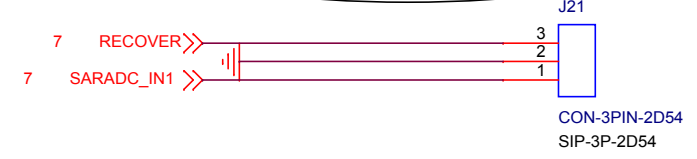
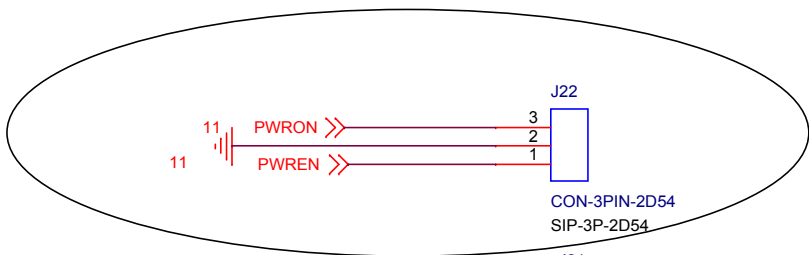
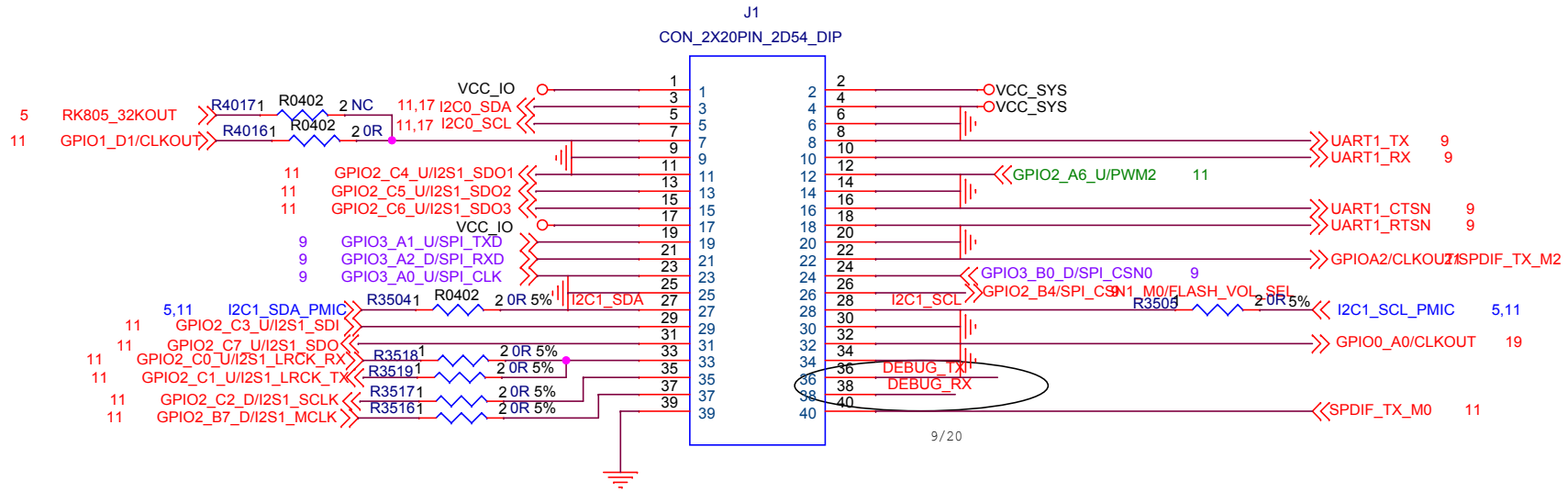



Pull down for 2.5V RGMII(RTL8211D/8211E)
 Pull up for 3.3V RGMII (RTL8211D/8211E)
 Pull up 1.5 /1.8V RGMII (RTL8211E-VL only)



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Title: <Title>
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 Create Date: Friday, July 28, 2017 Page Num: 23
 Modify Date: Monday, September 25, 2017 Page Total: 24





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