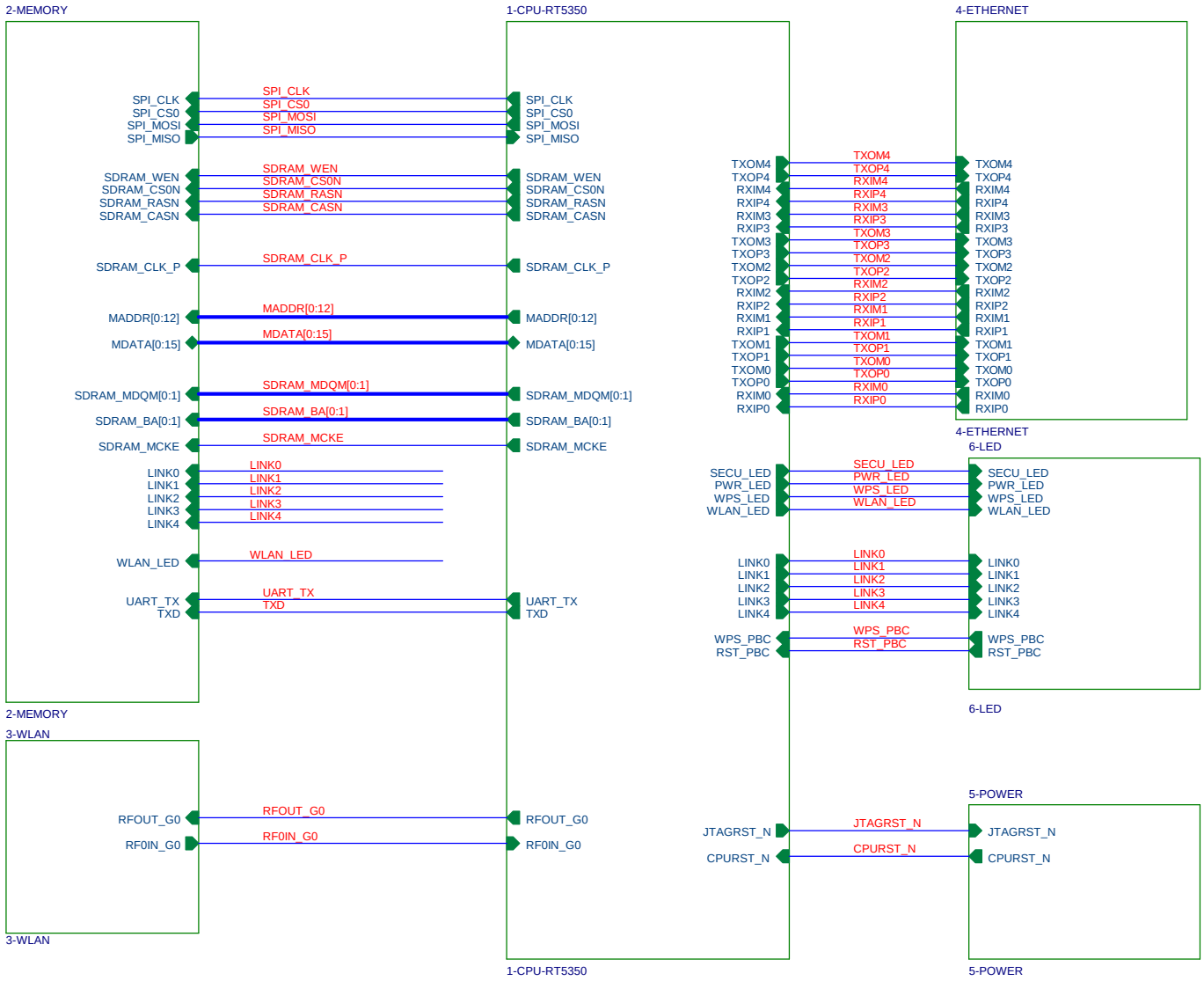

Filename:
AP-RT5350-V22-SPI-SDRAM-1X1-110713.DSN

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Title	11n 2.4G AP-RT5350	
Size B	Document Number AP-RT5350-V22.SCH	Rev 2.2
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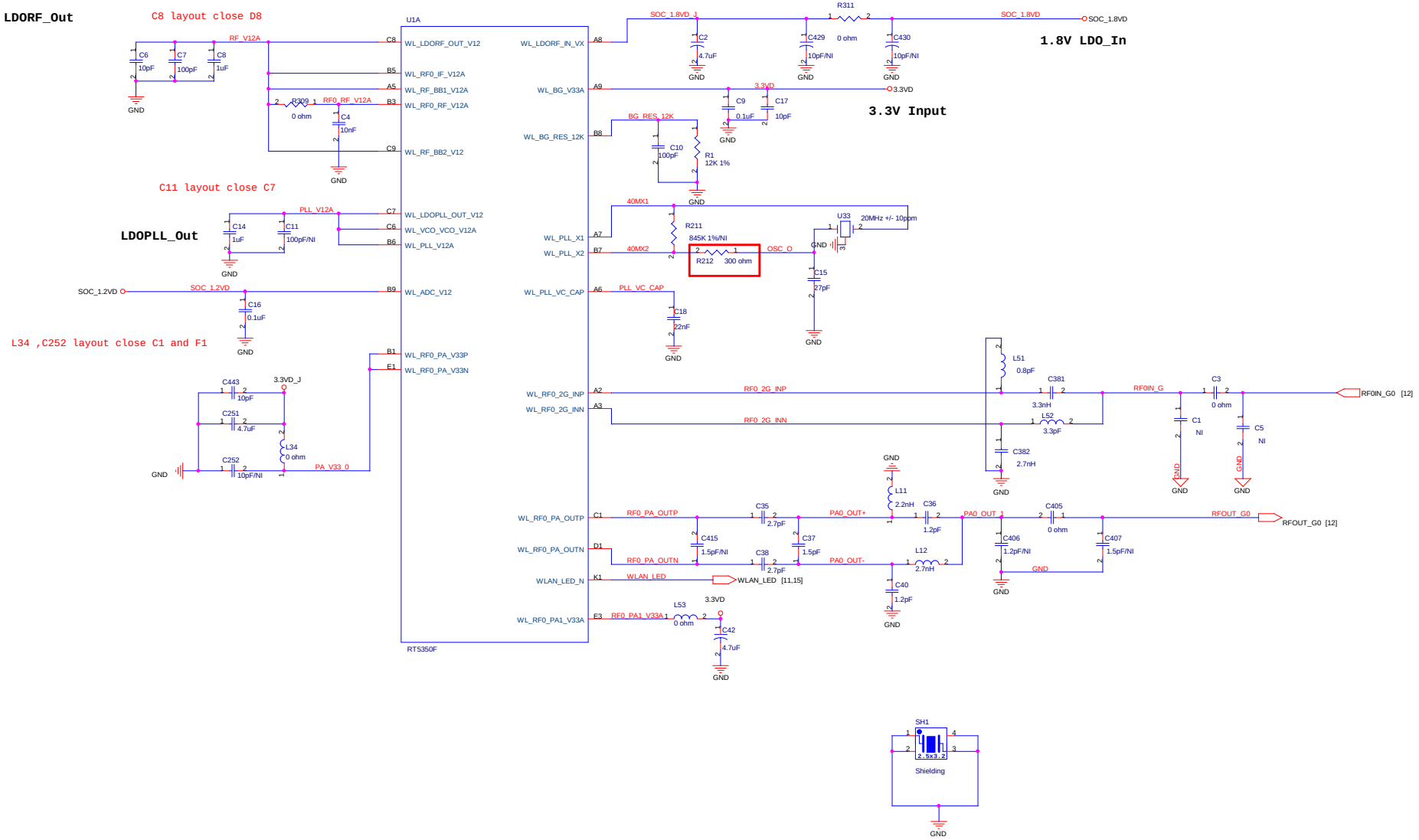
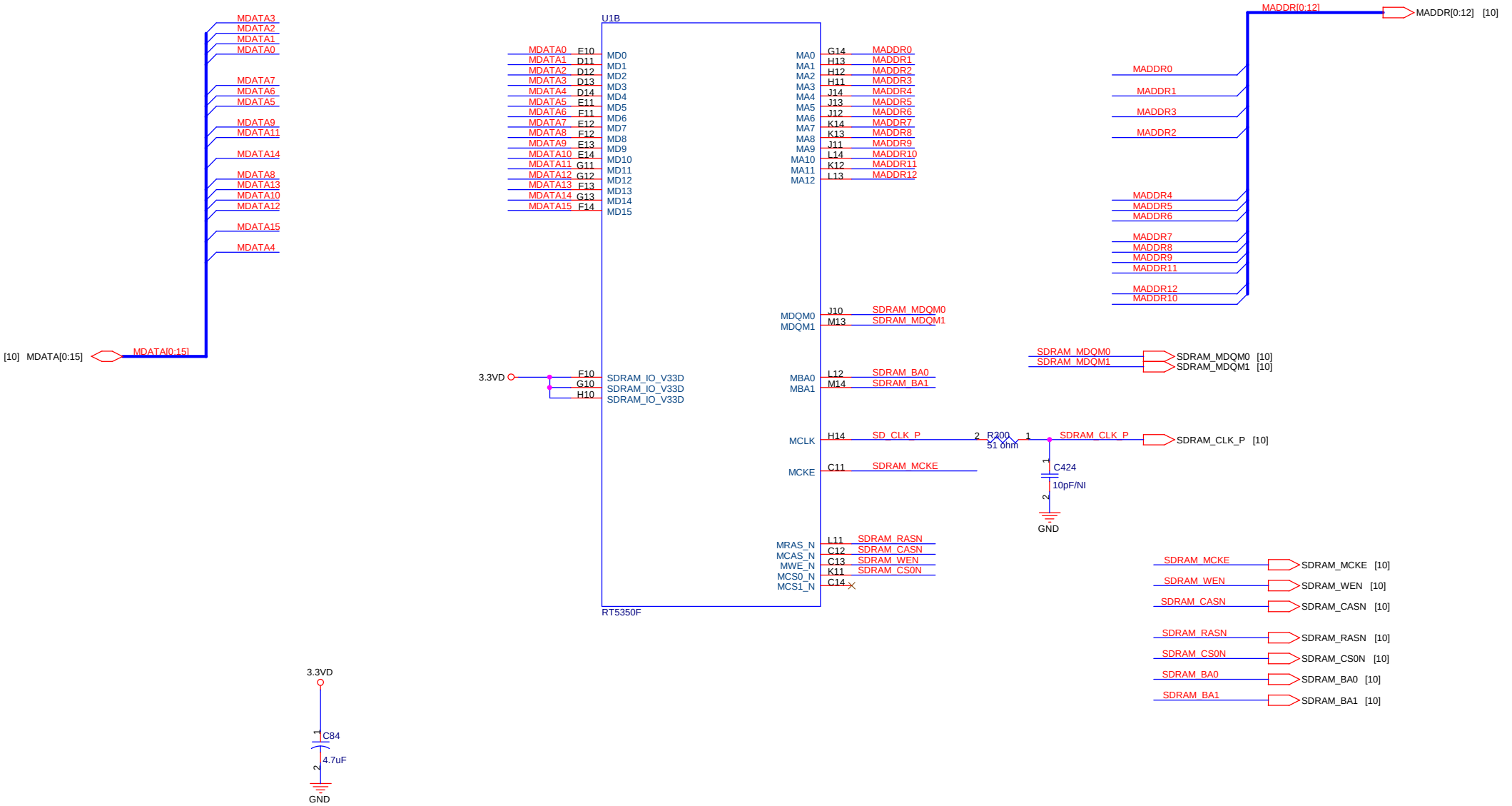


Title	RT5350 RF Power-A	
Size C	Document Number 11-RT5350 RF Power-A.SCH	Rev 2.2
Date: Wednesday, July 13, 2011	Sheet 2 of 16	



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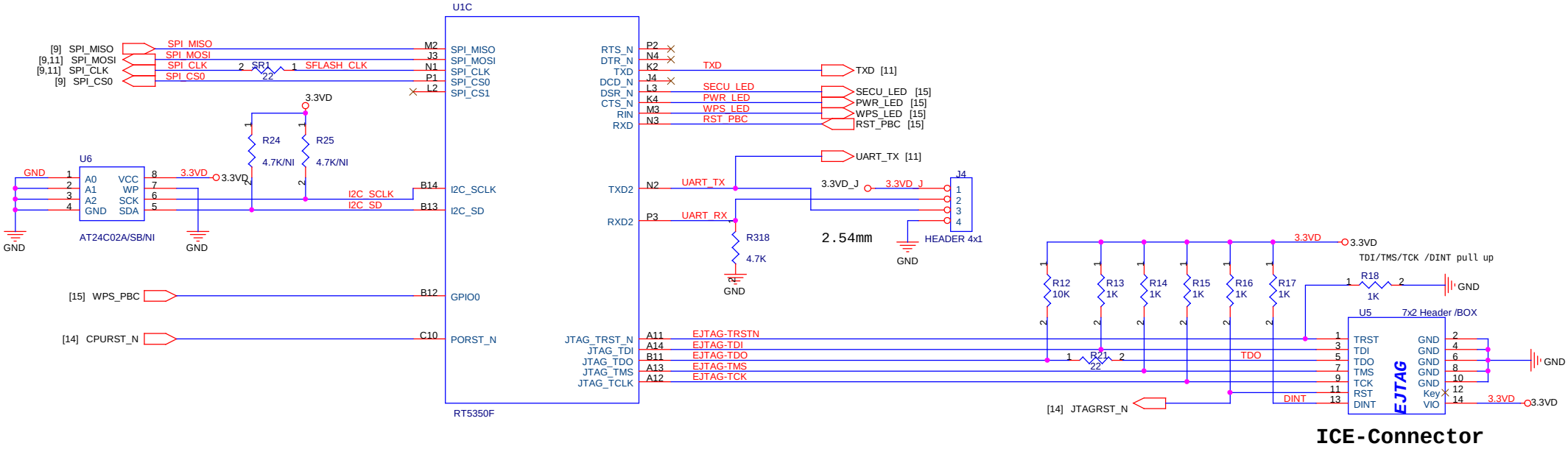
Title	RT5350 SDRAM I/F-B	
Size B	Document Number 13-RT5350 SDRAM I/F-B.SCH	Rev 2.2
Date: Wednesday, July 13, 2011	Sheet 3 of 16	



ICE-Connector

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Title	RT5350 Pheripheral-C	
Size B	Document Number 13-RT5350 Pheripheral-C.SCH	Rev 2.2
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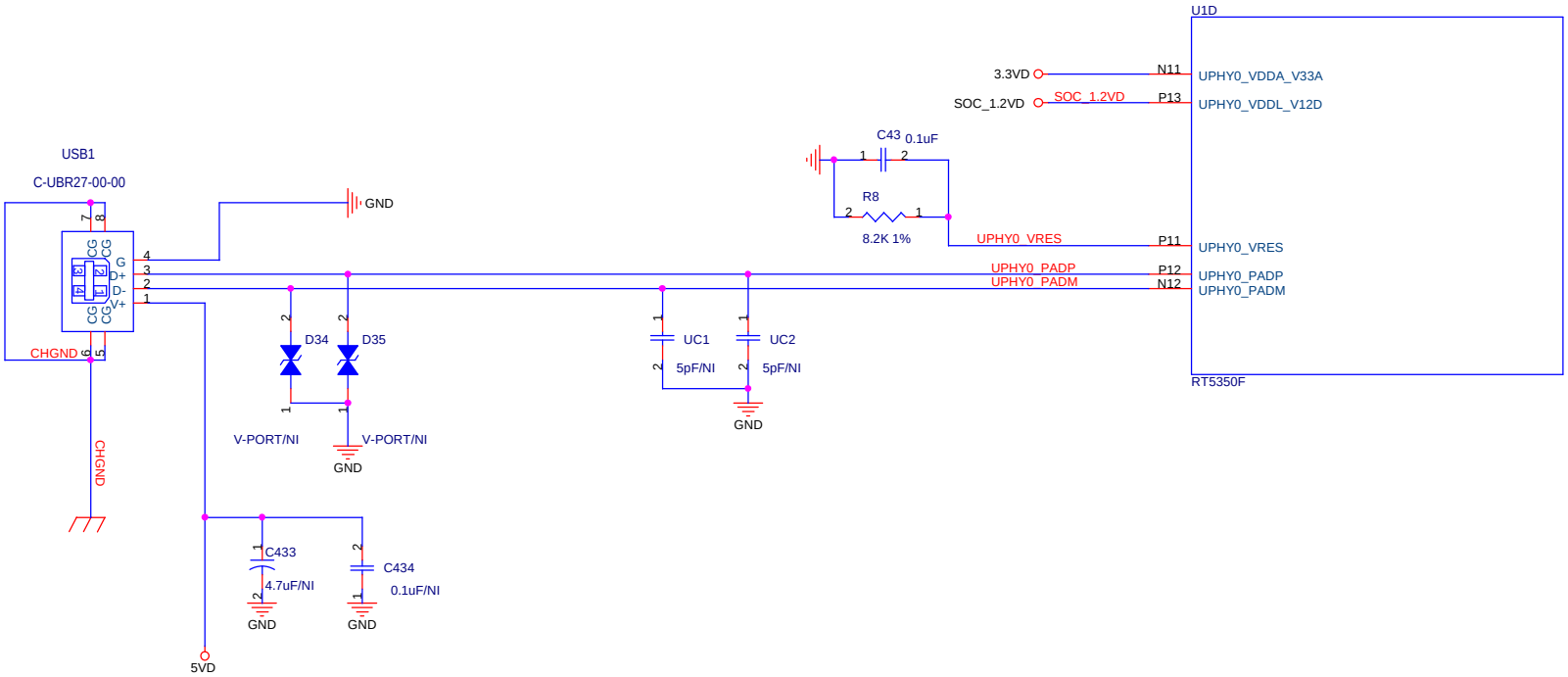

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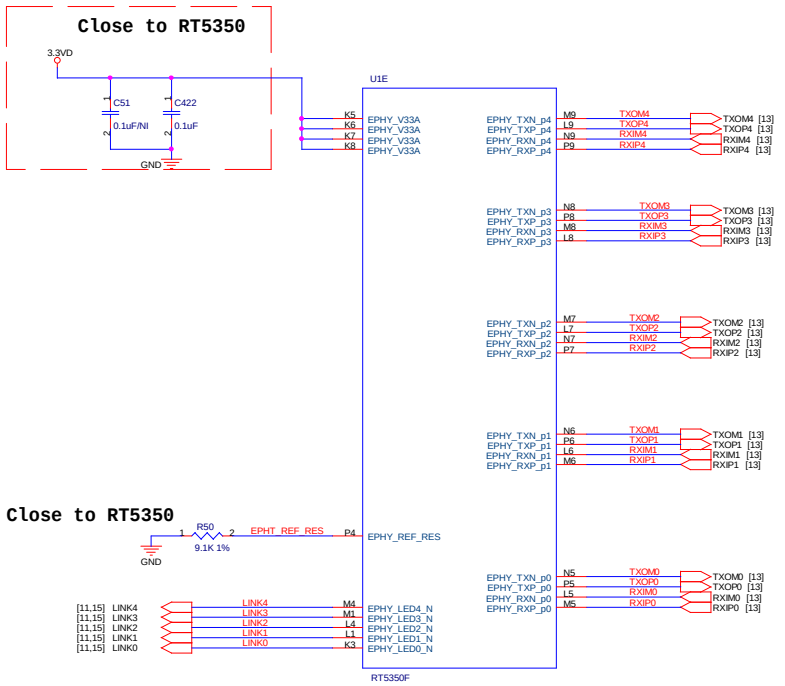
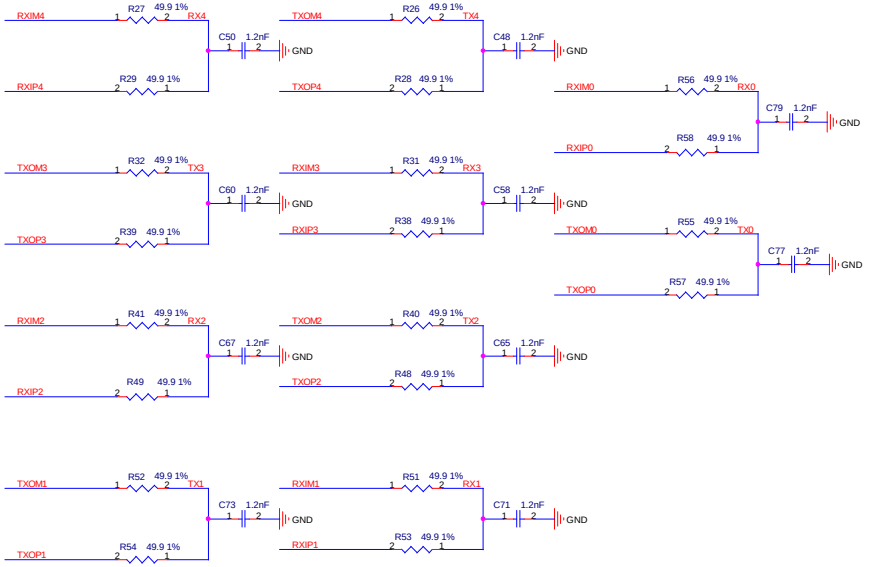
Title	RT5350 USB-D	
Size B	Document Number 14-RT5350 USB-D.SCH	Rev 2.2
Date: Wednesday, July 13, 2011	Sheet 5 of 16	





PHY address 5'd0 -> Internal PHY for port 0
PHY address 5'd1 -> Internal PHY for port 1
PHY address 5'd2 -> Internal PHY for port 2
PHY address 5'd3 -> Internal PHY for port 3
PHY address 5'd4 -> Internal PHY for port 4
PHY address 5'd5 -> default for the external Port 5
PHY address 5'd5 ~ 5'd31 are free for the external PHY.

Title	RT5350 Ethernet-E	
Size C	Document Number 15-RT5350 Ethernet-E.SCH	Rev 2.2
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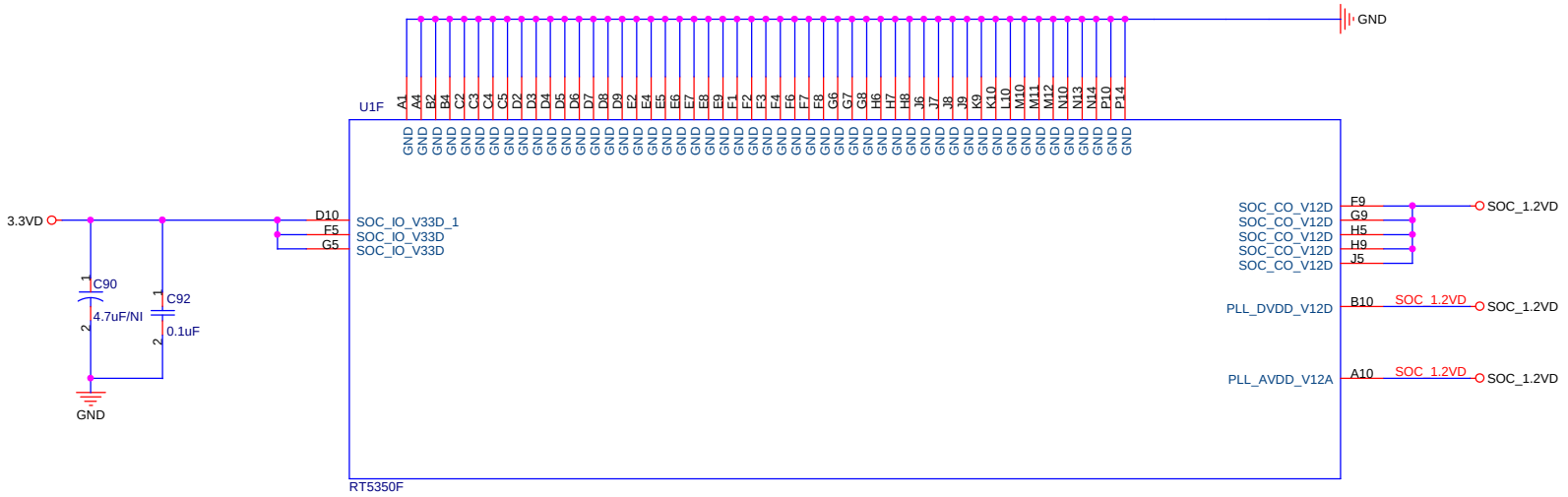

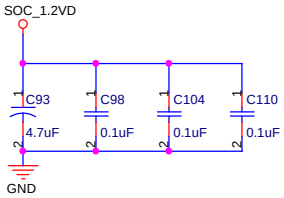

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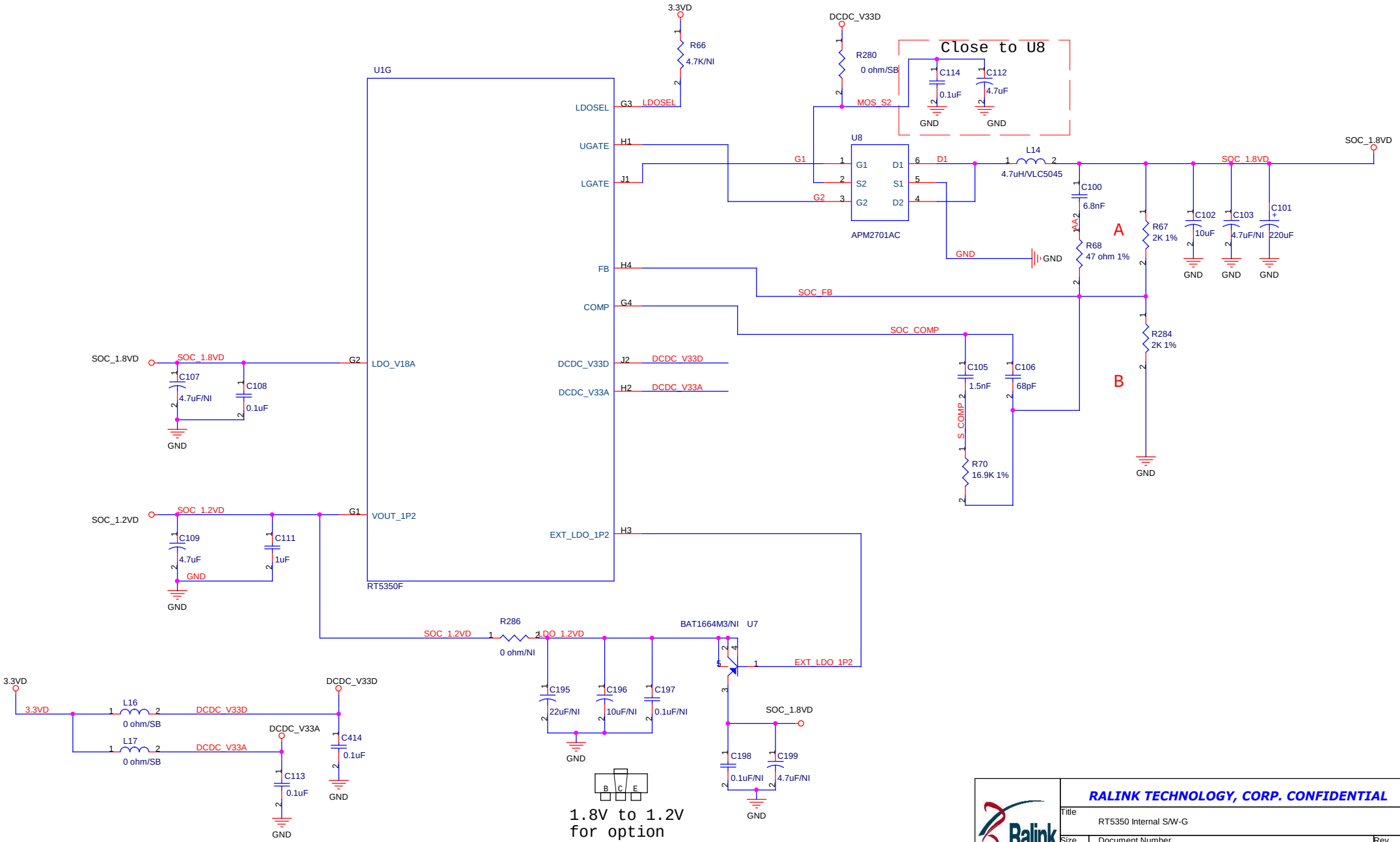
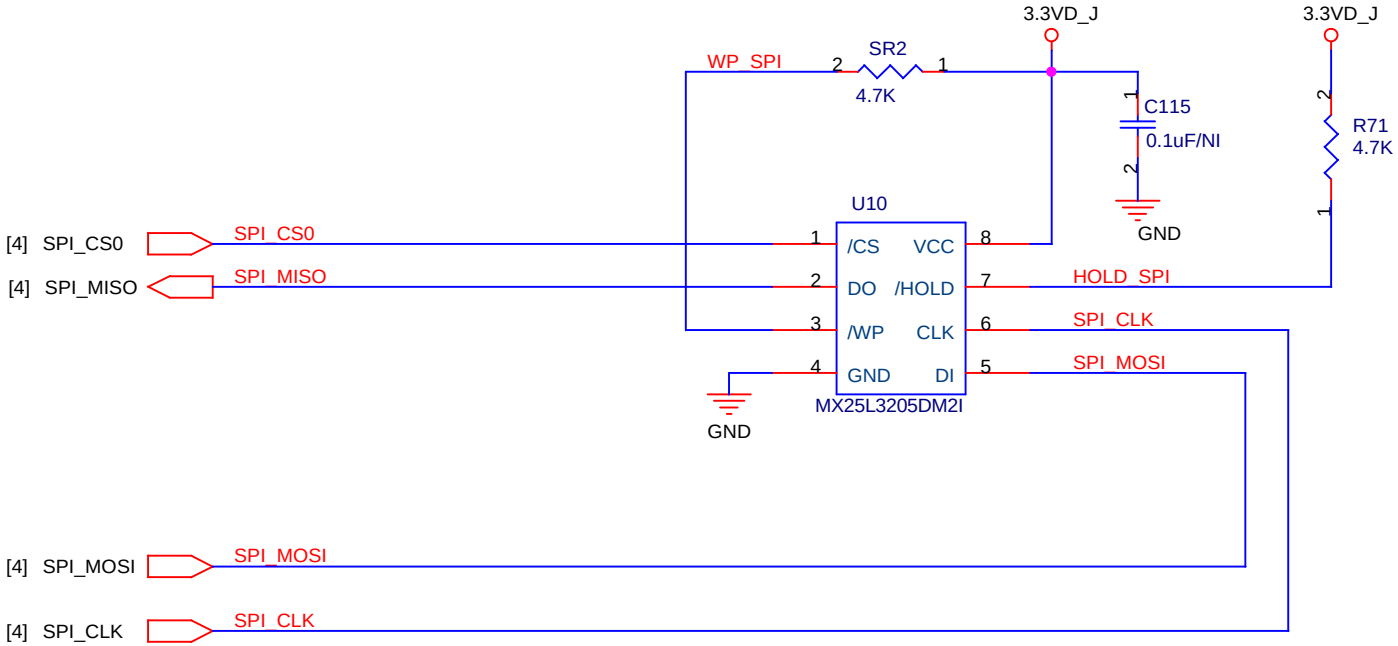
Title	RT5350 Power-F	
Size B	Document Number 16-RT5350 Power-F.SCH	Rev 2.2
Date: Wednesday, July 13, 2011	Sheet 7 of 16	



RALINK TECHNOLOGY, CORP. CONFIDENTIAL		
Title: RT5350 Internal S/W-G		
Size: B	Document Number: 17-RT5350 Internal SW-G.SCH	Rev: 2.2
Date: Wednesday, July 13, 2011	Sheet 8 of 16	



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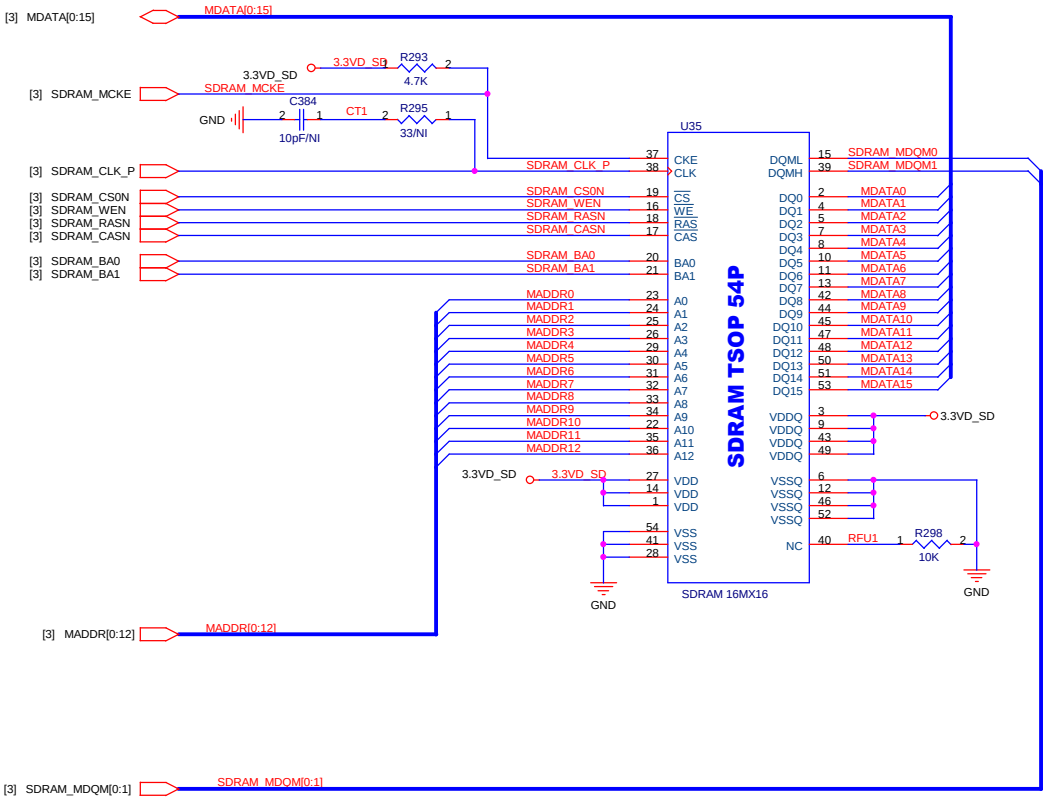
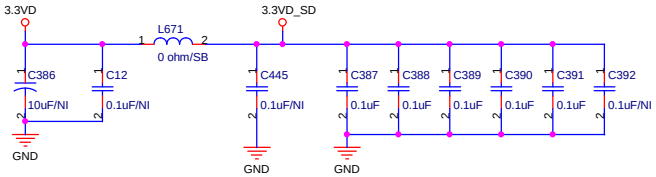
Title: SPI Flash		
Size: A	Document Number: 21-SPI Flash.SCH	Rev: 2.2
Date: Wednesday, July 13, 2011	Sheet 9 of 16	





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Title	SDRAM	
Size: Custom	Document Number: 22-SDRAM-CFG.SCH	Rev: 2.2
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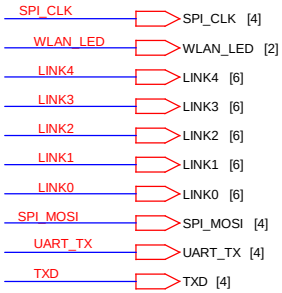

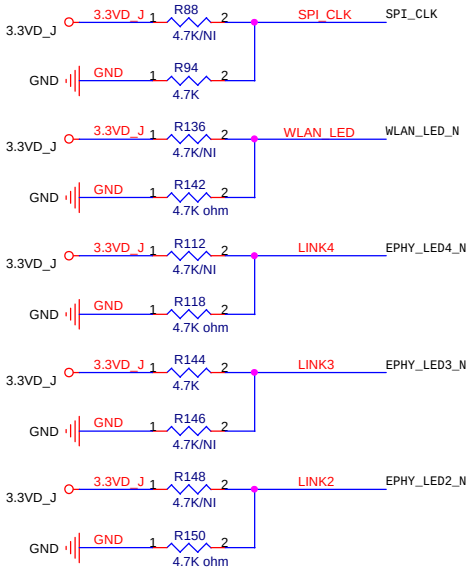

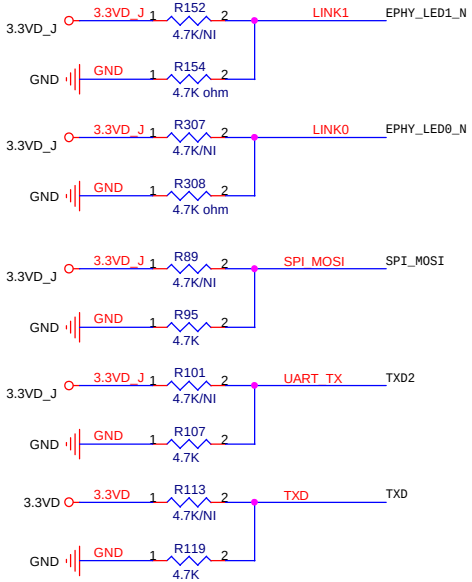

RT5350 Boot Up Strapping

Pin Name	Description	Value=0	Value=1
SPI_CLK	XTAL_FREQ _HI	20MHz	40MHz
WLAN_LED_N	Big Endian	Little Endian	Big Endian
EPHY_LED4_N	DRAM_FROM _EE	from boot strapping	from EEPROM
{EPHY_LED3_N, EPHT_LED2_N}	DRAM_SIZE	INIC/AP(SDR) 00: 2MB/8MB 01: 8MB/16MB 10: 16 MB/32 MB, 32 MB*2 11: 32MB	
{EPHY_LED1_N, EPHT_LED0_N}	CPU_CLK _SEL	CPU clock select 00: 360MHz 01: Reserved 10: 320MHz 11: 300MHz	
{SPI_MOSI, TXD2, TXD}	CHIP_ MODE[2:0]	A vector to set chip function/test/debug modes 000 : Normal mode(boot fromSPI serial flash) 001 : iNIC-USB mode 010 : Reserved 011 : Reserved 100 : Reserved 101 : iNIC-PHY mode 110 : SCAN mode 111 : TEST/DEBUG mode	

Title	CONFIG
Size B	Document Number 23-CONFIG.SCH
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Date:	Wednesday, July 13, 2011
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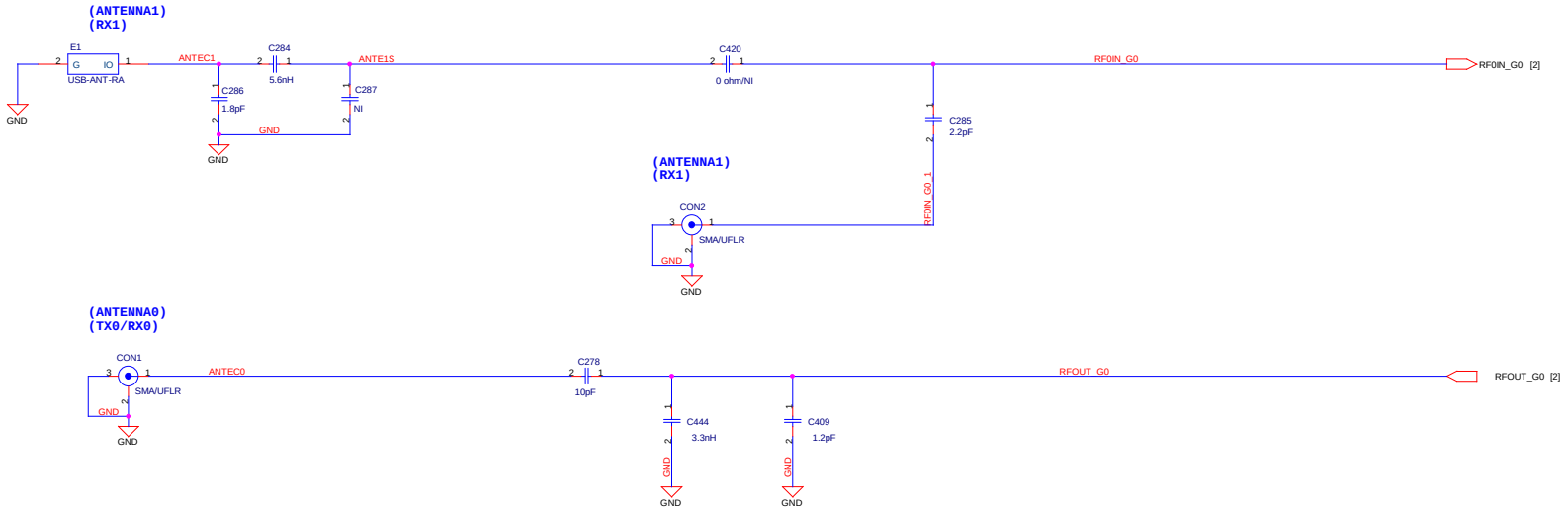

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Title	Front End	
Size C	Document Number 31-Front End.SCH	Rev 2.2
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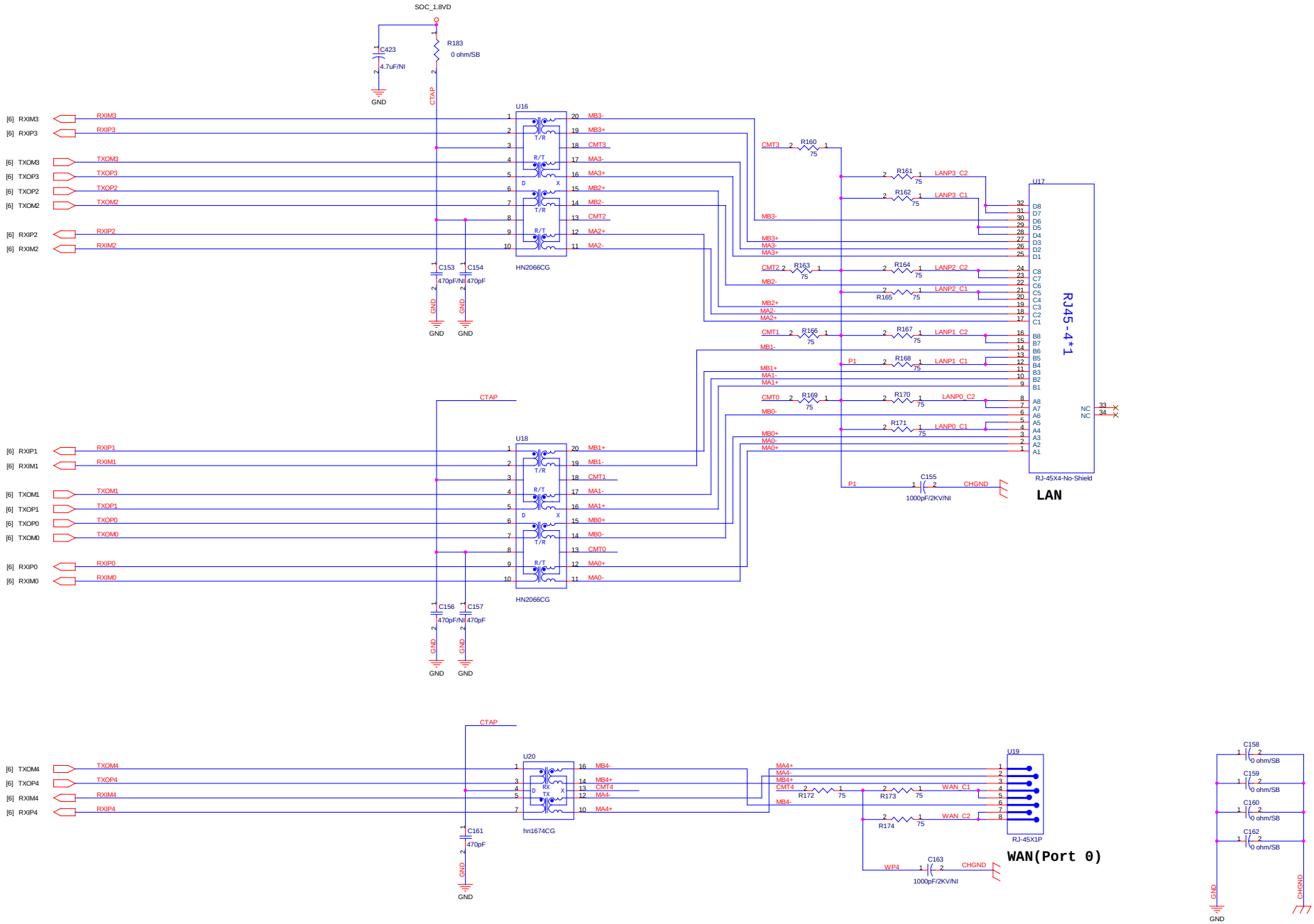

Title	XMER-RJ45		
Size C	Document Number 4-XMER-RJ45.SCH		Rev 2.2
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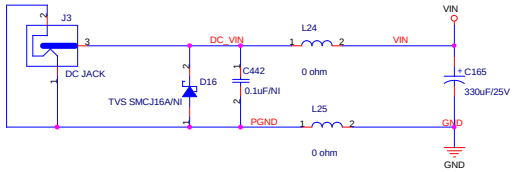
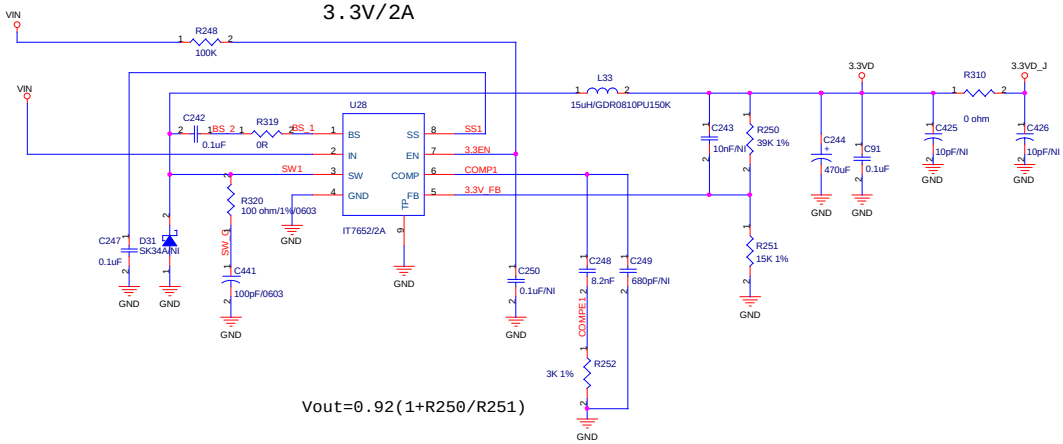
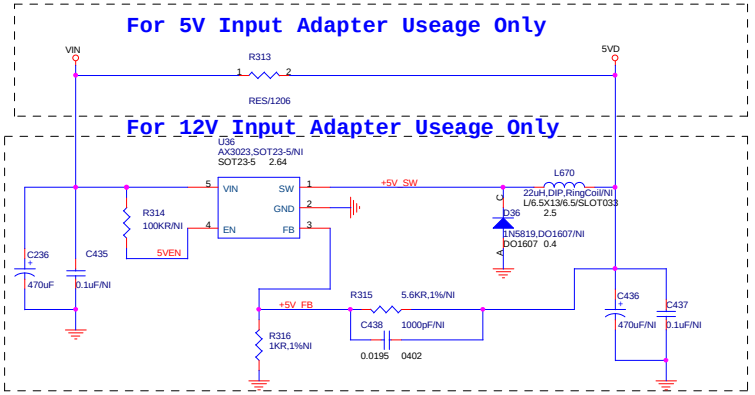
5V DC ADAPTER



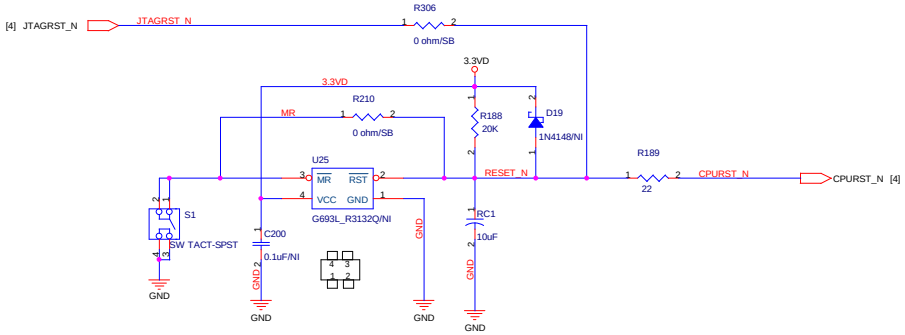
3.3V/2A



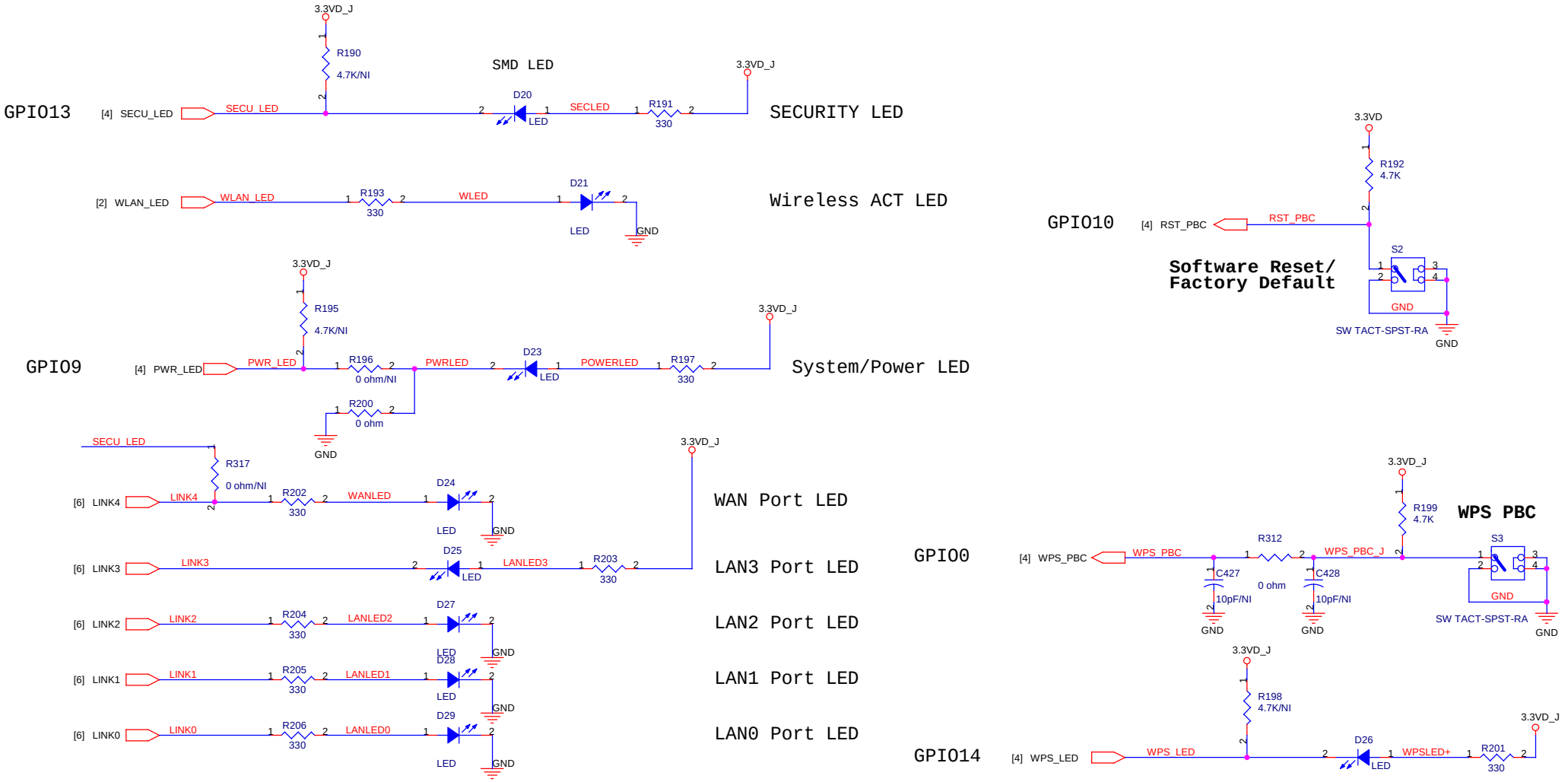
Vout=0.92(1+R250/R251)



Reset Circuit



Title	Power & Reset	
Size C	Document Number 5-POWER-RESET.SCH	Rev 2.2
Date: Wednesday, July 13, 2011	Sheet 14 of 16	



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Title	LED	
Size B	Document Number 6-LED.SCH	Rev 2.2
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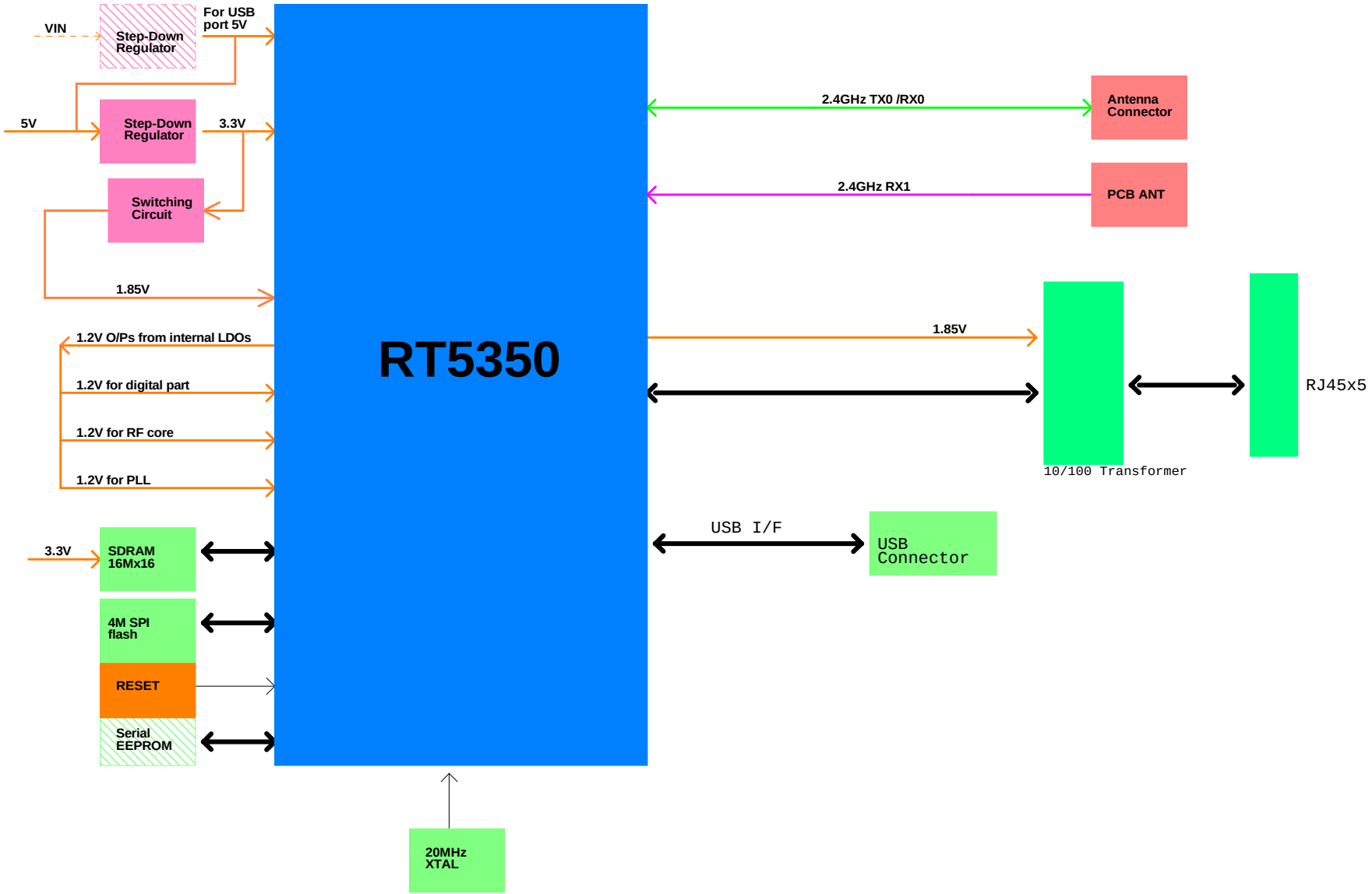

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Title	11n 2.4G AP-RT5350 Block	
Size C	Document Number RT5350 AP Block	Rev 2.2
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