

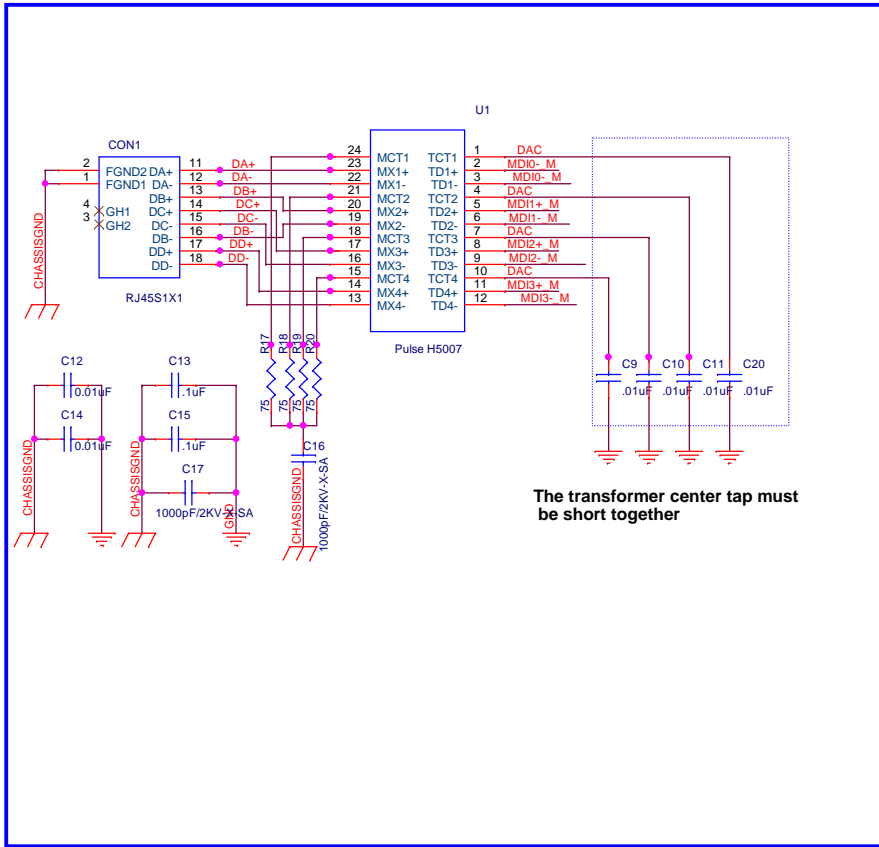
# RTL8211D-VB/8211E-VB/8211E-VL Schematic

REV.1.7

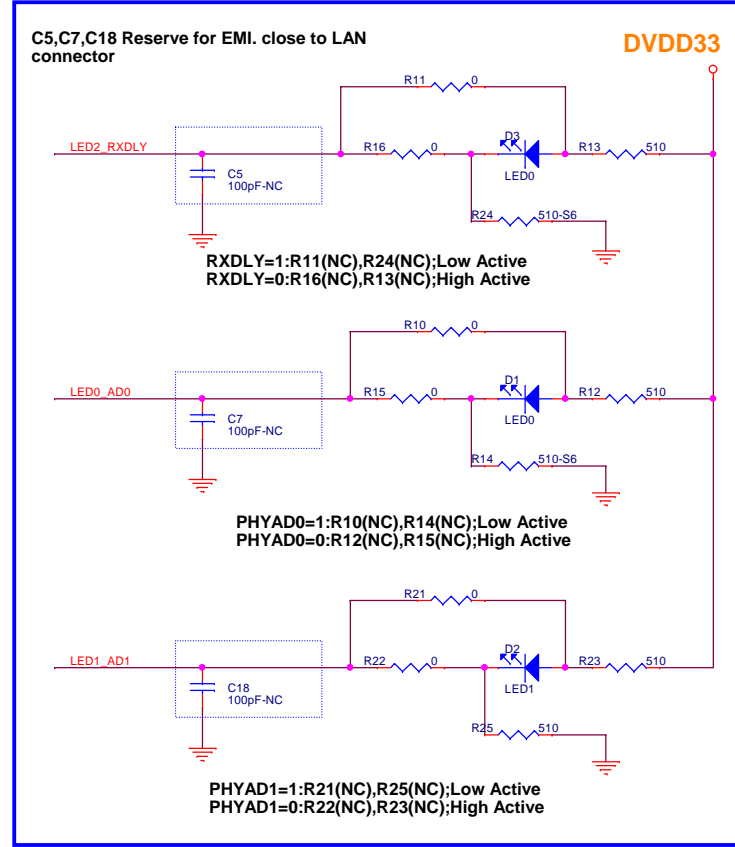
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1.	Title Page
2.	PHY
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5.	Power
6.	History



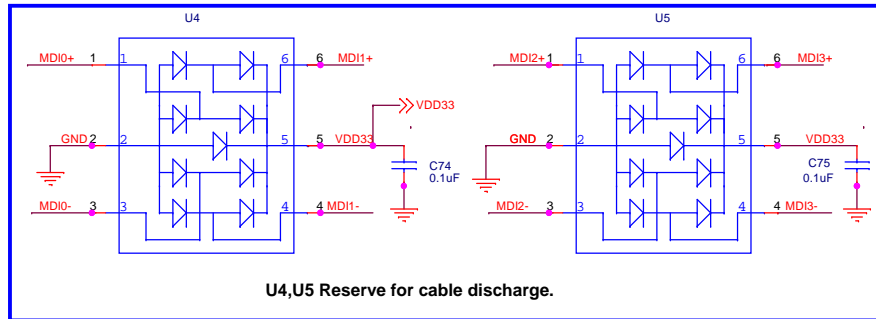
## RJ45 & Transformer



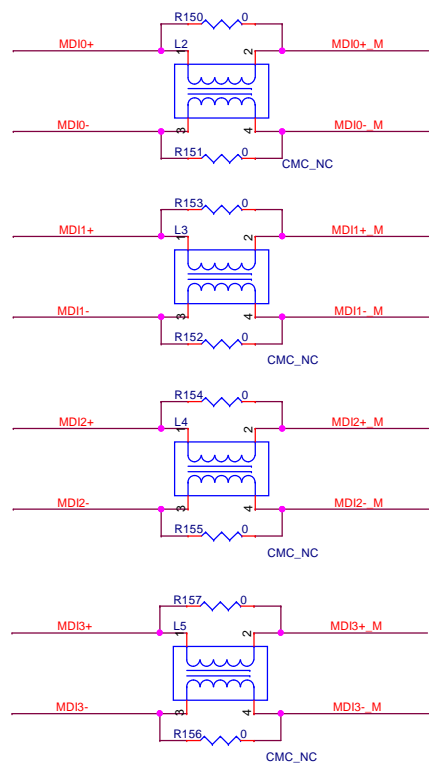
## LED



## TVS

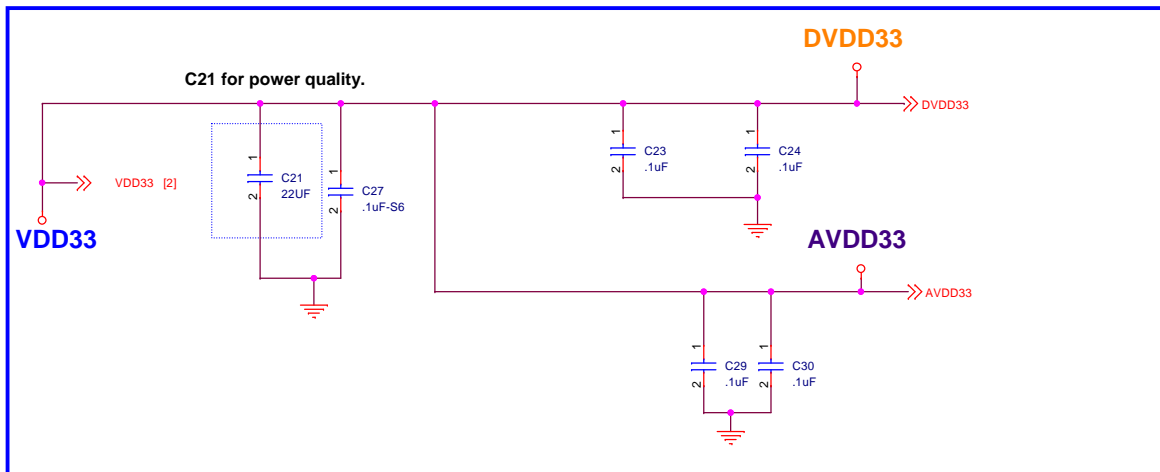


## Common mode choke (Option)

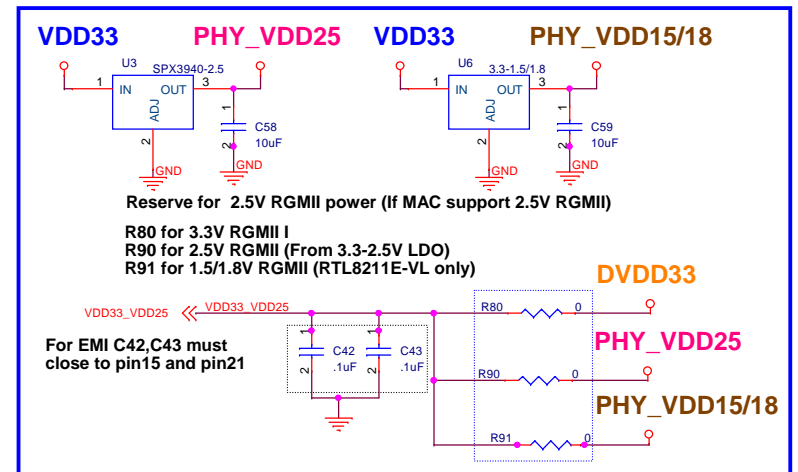


L2,L3,L4,L5 Reserve for EMI, close to transformer.

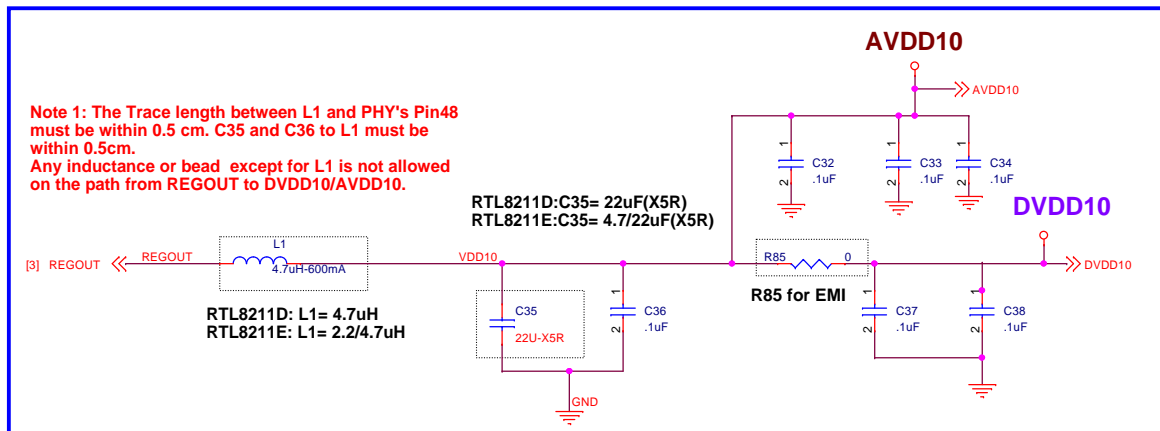
### 3.3V Power



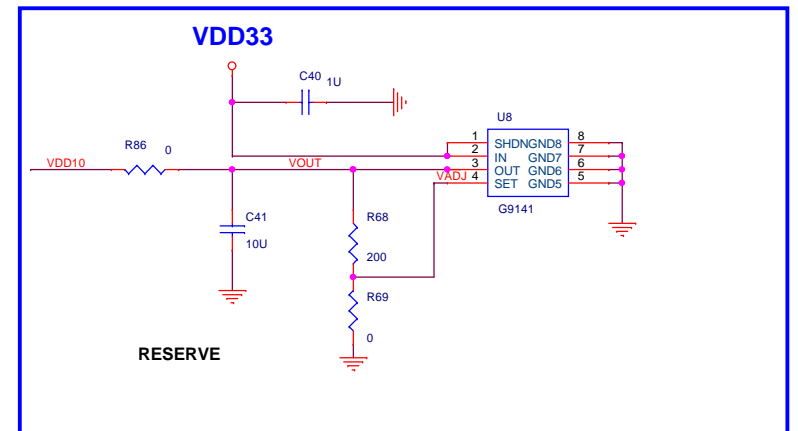
### 3.3/2.5V/1.8/1.5V RGMII Power



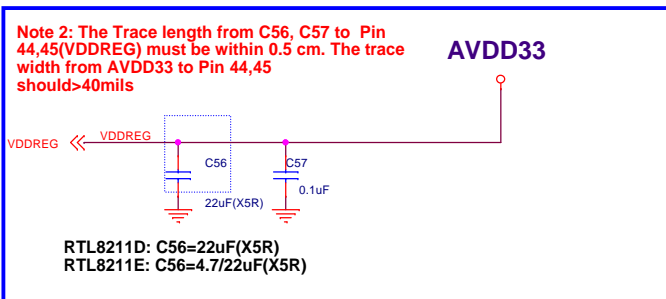
### 1.05V Power



### External Power Source (1.05V)




### VDDREG



## History

Version	Date	
V1.0	2010.8.10	First release
V1.1	2010.12.3	Modify LED2 and MDIO pull up circuit
V1.2	2011.1.30	Remove ACR page
V1.3	2011.3.22	Add common mode choke for EMI Modify XTAL2 for RTL8211D
V1.4	2011.4.22	Modify transformer pin name
V1.5	2011.5.2	Add RTL8211E-VL 1.5V RGMII application
V1.6	2011.6.27	Add RTL8211E-VL 1.8V RGMII application
V1.7	2012.10.23	Modify Note 1 for P5_Power

Title		RTL8211D/8211E		 REALTEK	
Size	Document Number			Rev	
A3					
Date:		HISTORY			
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