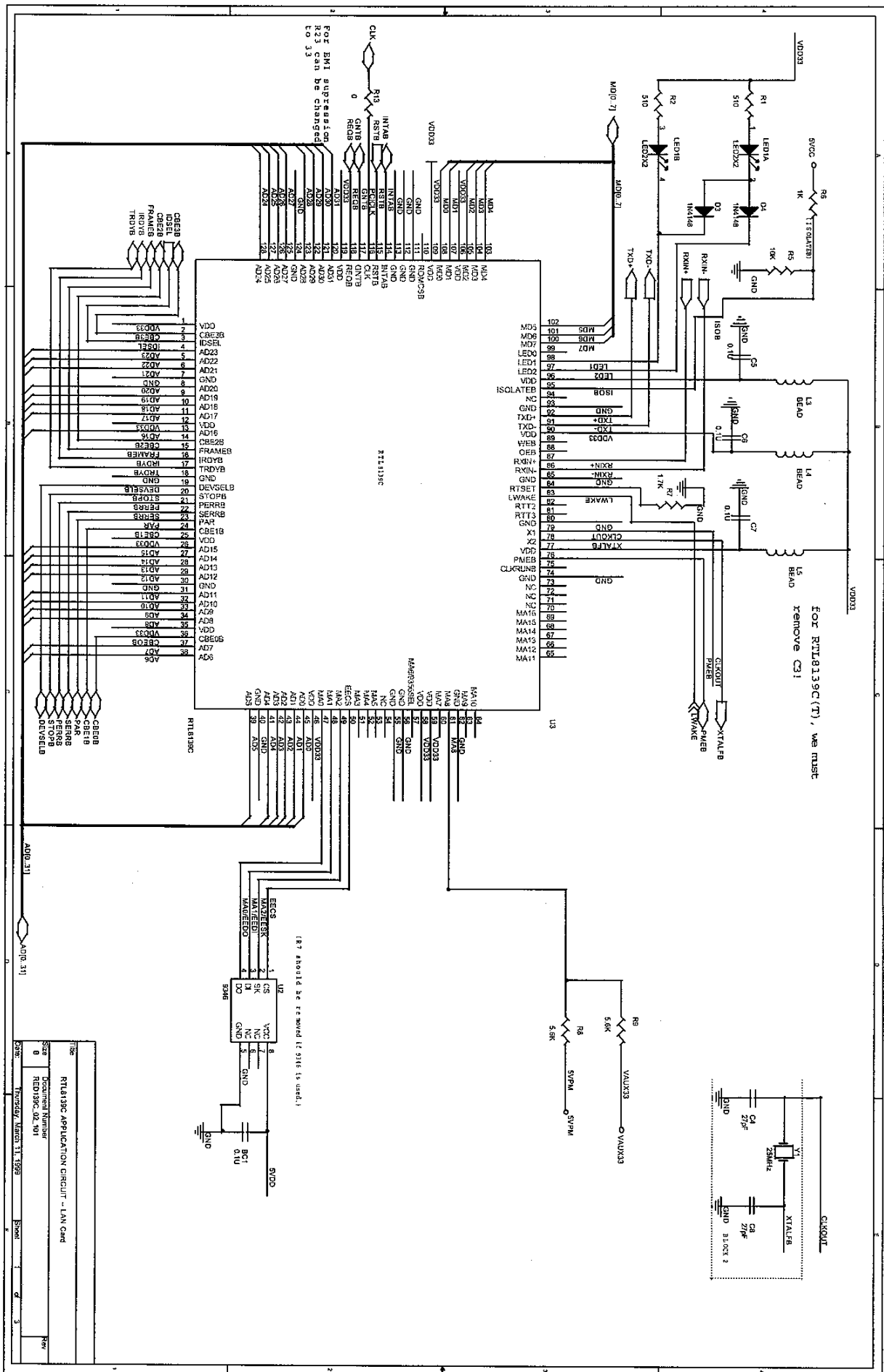
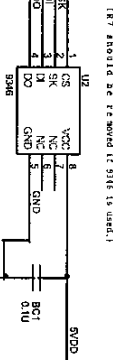
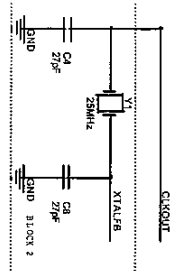


***EXHIBIT D***

***Circuit Diagram***



For RTL8139C(T), we must remove C3!



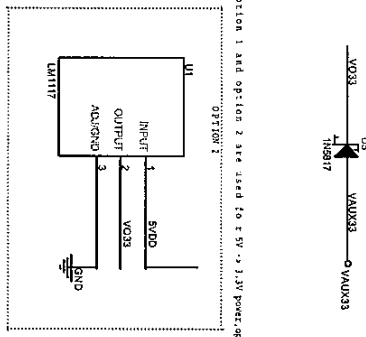
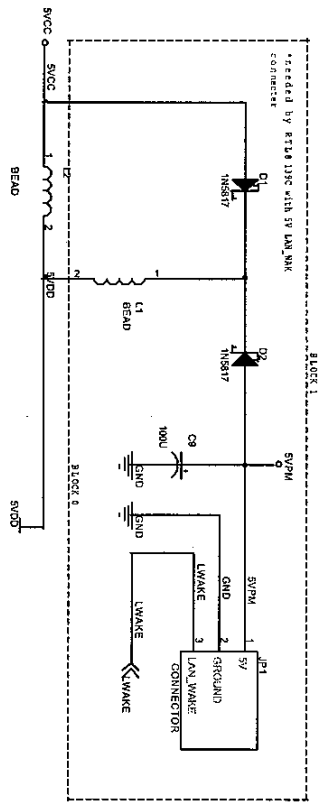
(R? should be removed if 9181 is used.)

Rev	0
Date	12/19/98
Author	Shawn
Checked	
Approved	
Part Number	RTL8139C APPLICATION CIRCUIT - LAN Card
Doc Number	RTL8139C_02_01
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Drawn	Shawn
Checked	
Approved	

\*FOR RTU1133C WITH POWER MANAGEMENT APPLICATION REMOVE U1  
 \*FOR RTU1133A WITHOUT Vaux APPLICATION REMOVE BLOC 1  
 \*FOR LOW Vaux, C17 MUST BE LARGER ENOUGH TO AVOID POWER SUPPLY'S COMPATIBILITY  
 \*FOR RTU1133C APPLICATION, ALL WIRE MUST BE CATED 30AWG/CONDUCTIVE

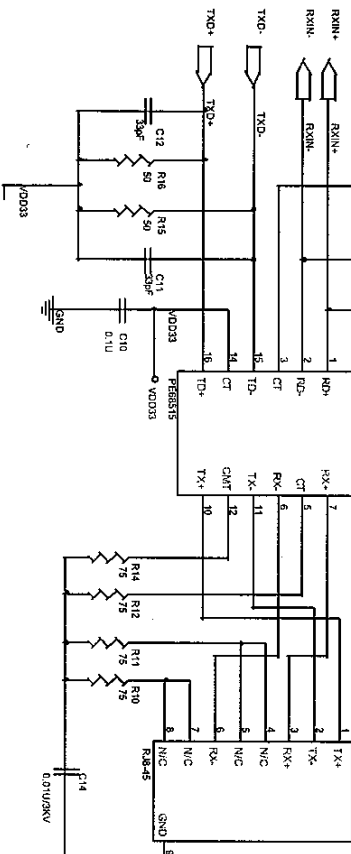
1. 5V source, 1.1Vaux, and 5Vaux. Remove support remove D1,U1, use option 1 or 2
2. 5V source, 1.1Vaux, no 5Vaux and LANWAKE & support remove D1,D2,C17,D17,D1, use option 1 or 2
3. 5V source, no Vaux 15 or 1.1 supported, 16, D3 col drawing impossible: remove D1,D2,L4,C17,D17,D1,D4, use option 1 or 3
4. 3.3V source, 1.1Vaux only: remove L4,L4,D1,D2,C17,D17,option1,option2,use option1
5. 3.3V source only, no Vaux supported (D3) col drawing impossible: use the same as 4 and remove D4 and you can even replace D3 with bead

\* Option 3 is used only for 3.3V power no wire, i.e. PCI or embedded system support 3.3V power



\* Option 1 and option 2 are used to 5V > 3.3V power, option 2 is recommended.

FOR EMI SUPPRESSION



Doc No	RTU1133C
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Doc Rev	1.0
Doc Date	11/1999
Doc Author	Shimizu
Doc Checker	Shimizu
Doc Approver	Shimizu

