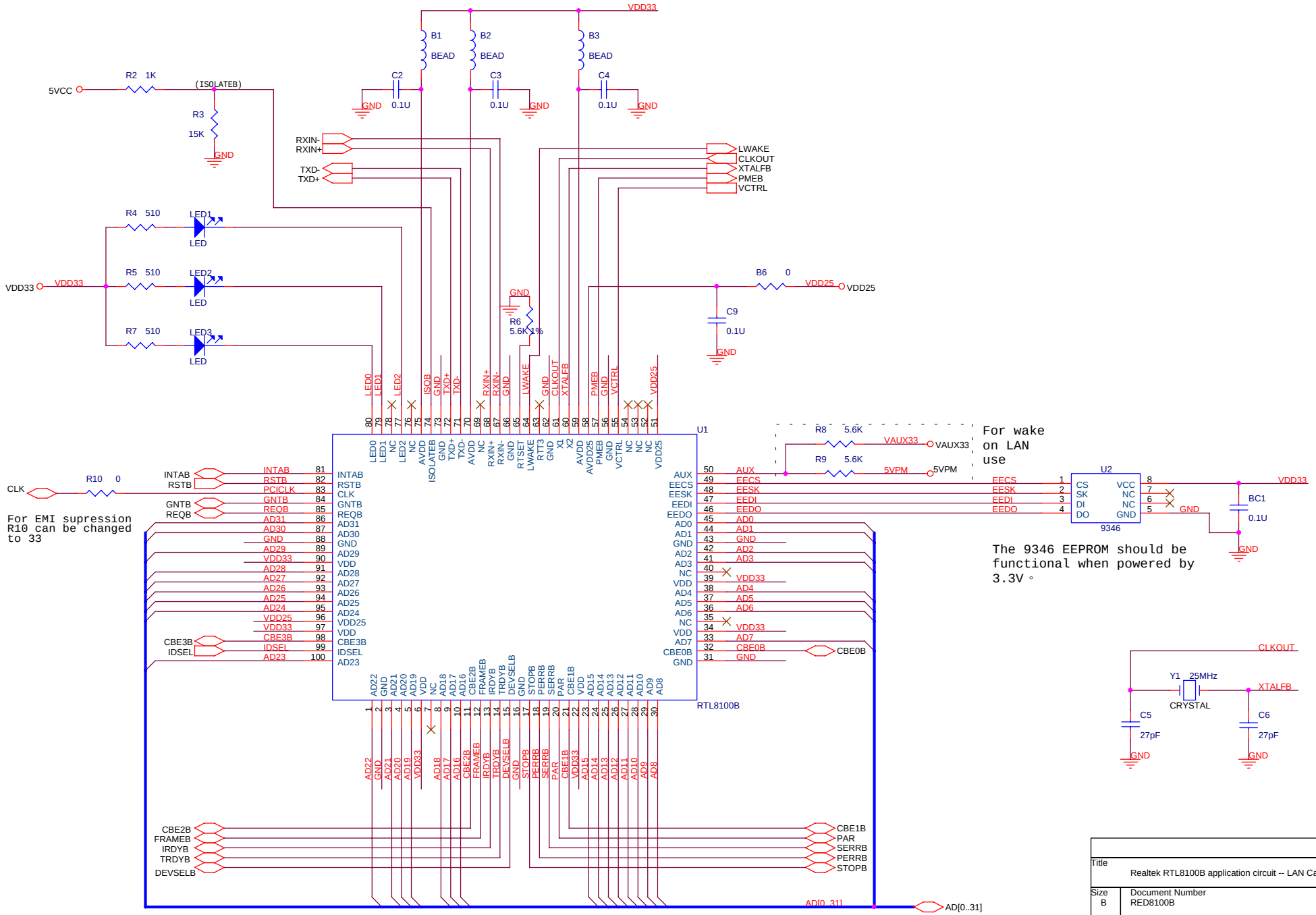

VDD33
B1
BEAD
B2
BEAD
B3
BEAD
C2
0.1U
C3
0.1U
C4
0.1U
GND
R2 1K
5VCC
(ISOLATEB)
R3
15K
RXIN-
RXIN+
TXD-
TXD+
LWAKE
CLKOUT
XTALFB
PMEB
VCTRL
R4 510
LED1
R5 510
LED2
R7 510
LED3
LED
VDD33
B6 0
VDD25
C9
0.1U
R6
5.6K 1%
U1
RTL8100B
R8 5.6K
R9 5.6K
VAUX33
5VPM
For wake on LAN use
U2
9346
EECS
EESK
EEDI
EEDO
BC1
0.1U
The 9346 EEPROM should be functional when powered by 3.3V。
CLK
R10 0
For EMI supression R10 can be changed to 33
INTAB
RSTB
GNTB
REQB
CBE3B
IDSEL
CBE0B
CBE2B
FRAMEB
IRDYB
TRDYB
DEVSELB
CBE1B
PAR
SERRB
PERRB
STOPB
AD[0..31]
CLKOUT
Y1 25MHz
CRYSTAL
C5
27pF
C6
27pF
Title
Realtek RTL8100B application circuit -- LAN Card
Size B
Document Number RED8100B
Rev 1.10
Date: Friday, November 09, 2001
Sheet 1 of 3