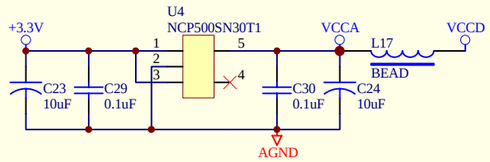
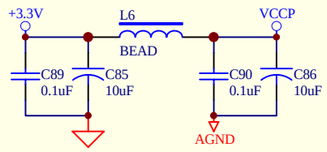
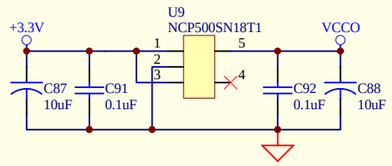


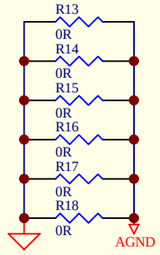
VCCA: RFIC Power Supply
VCCD: Analog IC Power Supply

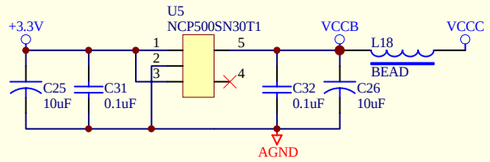


PA Power Supply close to PA.

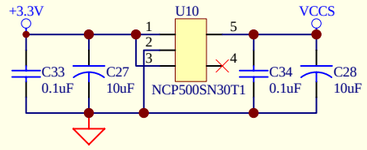


VCCO: BB+MAC IC Core Power Supply





VCCB: 44MHz X'TAL OSC Power Supply
VCCC: 2.4GHz VCO LO CP Power Supply

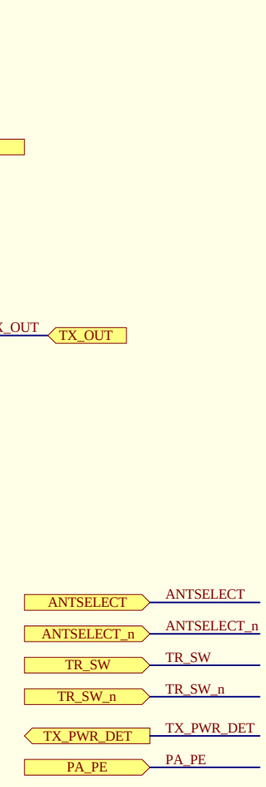


VCCS: BB+MAC IC I/O Power Supply

TX: TR_SW="1", TR_SW_n="0"
RX: TR_SW="0", TR_SW_n="1"

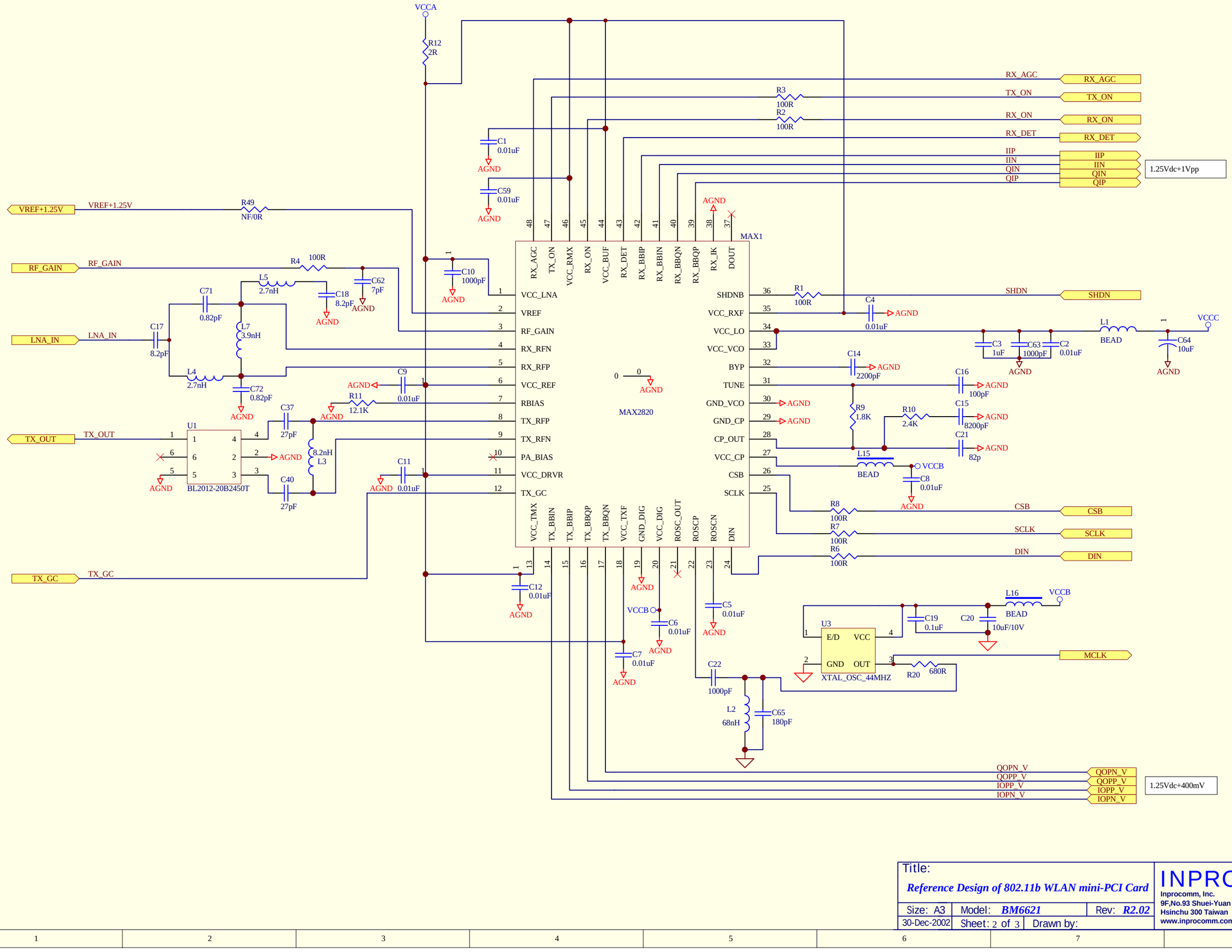
ANT1: AntSelect "0"; AntSelect_n "1"
ANT2: AntSelect "1"; AntSelect_n "0"

Pi-PAD for line-ups: -4dB



Title: *Reference Design of 802.11b WLAN mini-PCI Card*			
Size: A3	Model: ***BM6621***		Rev: ***R2.02***
30-Dec-2002	Sheet: 1 of 3	Drawn by:	

INPROCOMM
Inprocomm, Inc.
9F,No.93 Shuei-Yuan Street
Hsinchu 300 Taiwan
www.inprocomm.com.tw



Title:	*Reference Design of 802.11b WLAN mini-PCI Card*
Size: A3	Model: *BM6621* Rev: *R2.02*
30-Dec-2002	Sheet: 2 of 3 Drawn by:

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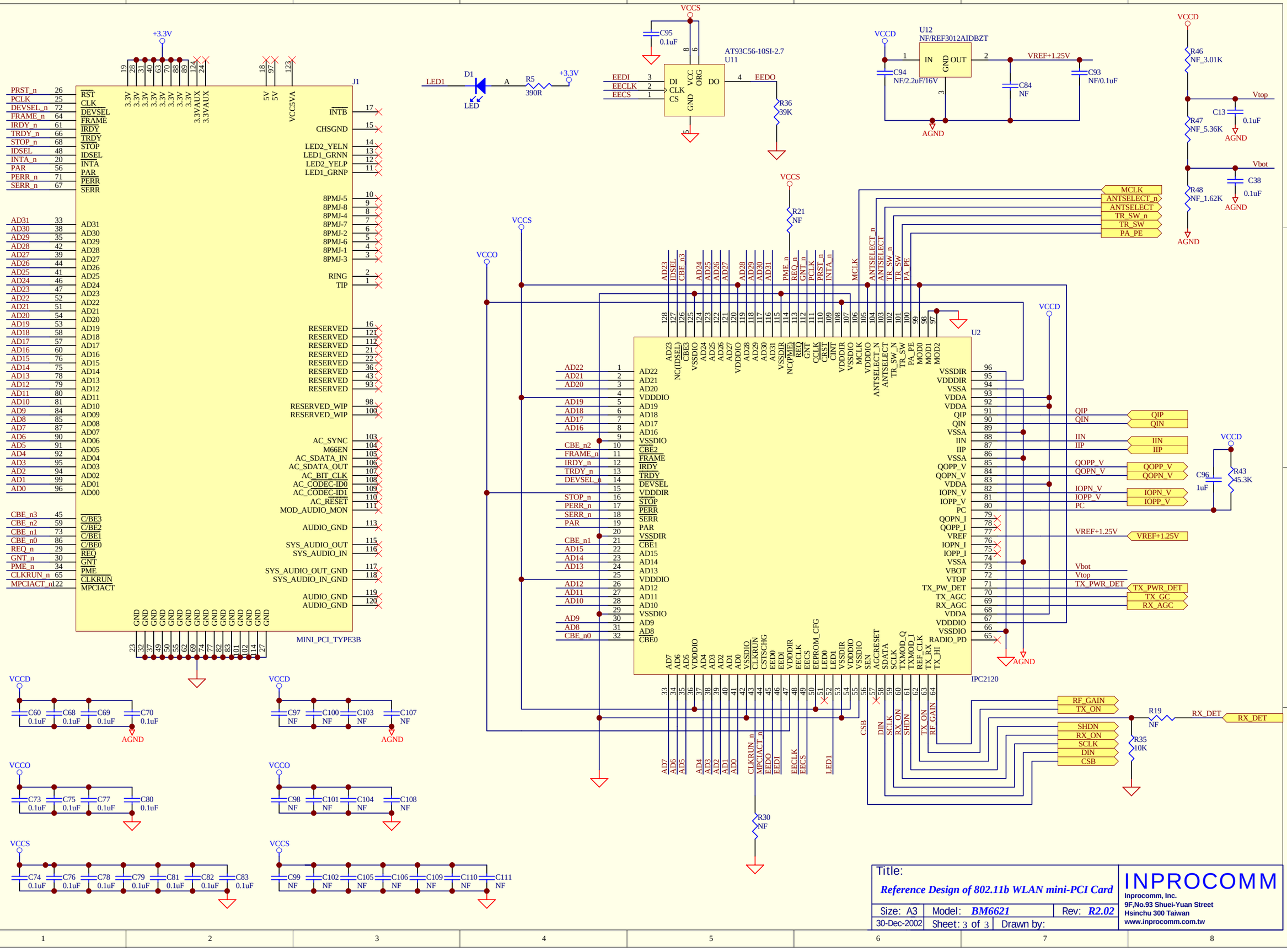
J1
MINI_PCI_TYPE3B
U2
IPC2120
U11
AT93C56-10SI-2.7
U12
NF/REF3012AIDBZT
D1
LED
LED1
R5
390R
R36
39K
R46
NF_3.01K
R47
NF_5.36K
R48
NF_1.62K
R21
NF
R30
NF
R19
NF
R35
10K
R43
45.3K
C95
0.1uF
C94
NF/2.2uF/16V
C84
NF
C93
NF/0.1uF
C13
0.1uF
C38
0.1uF
C96
1uF
Vtop
Vbot
VREF+1.25V
RX_DET
+3.3V
VCCS
VCCD
VCCO
AGND
MCLK
ANTSELECT_n
ANTSELECT
TR_SW_n
TR_SW
PA_PE
QIP
QIN
IIN
IIP
QOPP_V
QOPN_V
IOPN_V
IOPP_V
PC
VREF
VBOT
VTOP
TX_PWR_DET
TX_GC
RX_AGC
RF_GAIN
TX_ON
SHDN
RX_ON
SCLK
DIN
CSB
Title:
Reference Design of 802.11b WLAN mini-PCI Card
Size: A3
Model: BM6621
Rev: R2.02
30-Dec-2002
Sheet: 3 of 3
Drawn by:
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