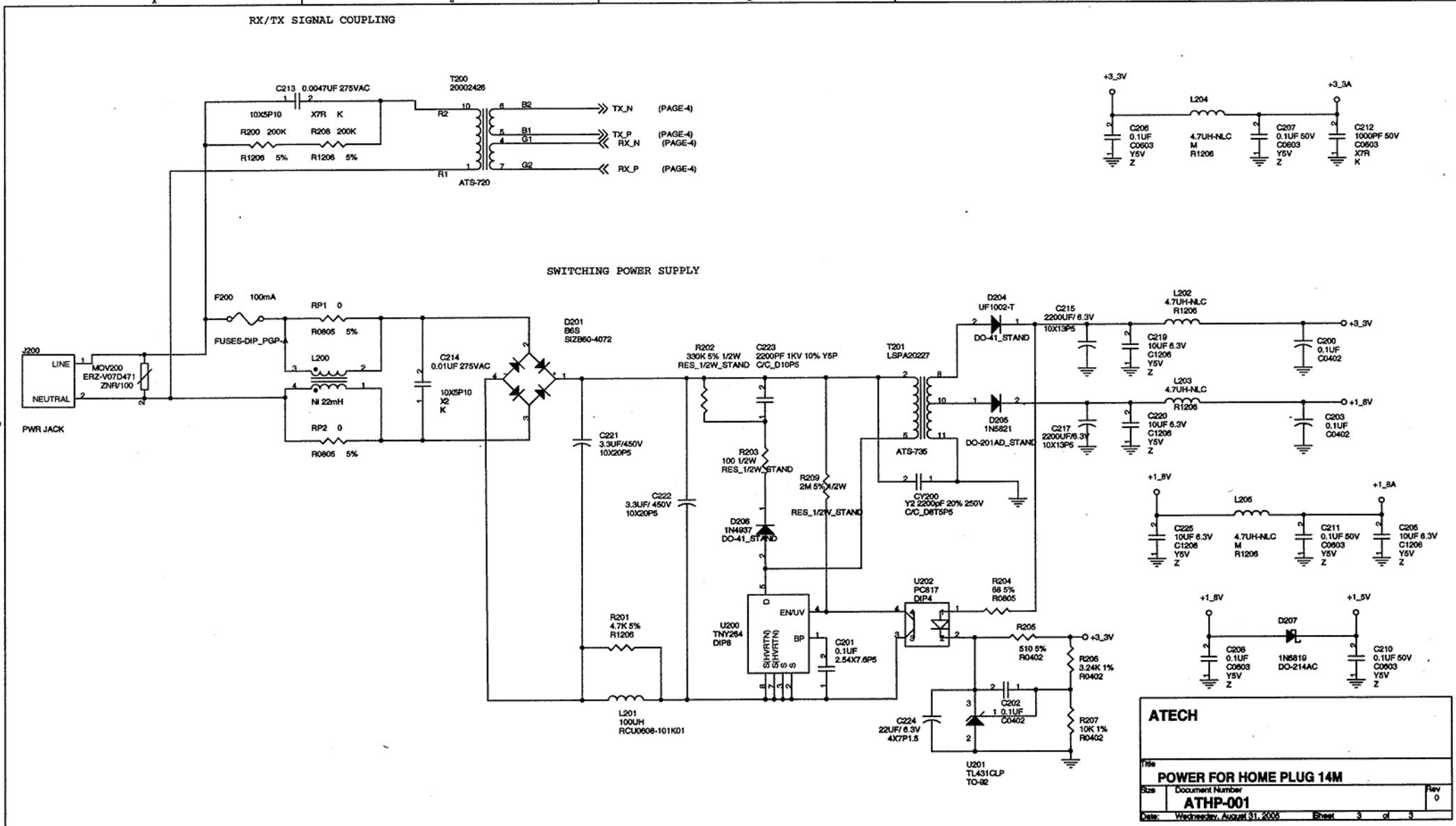
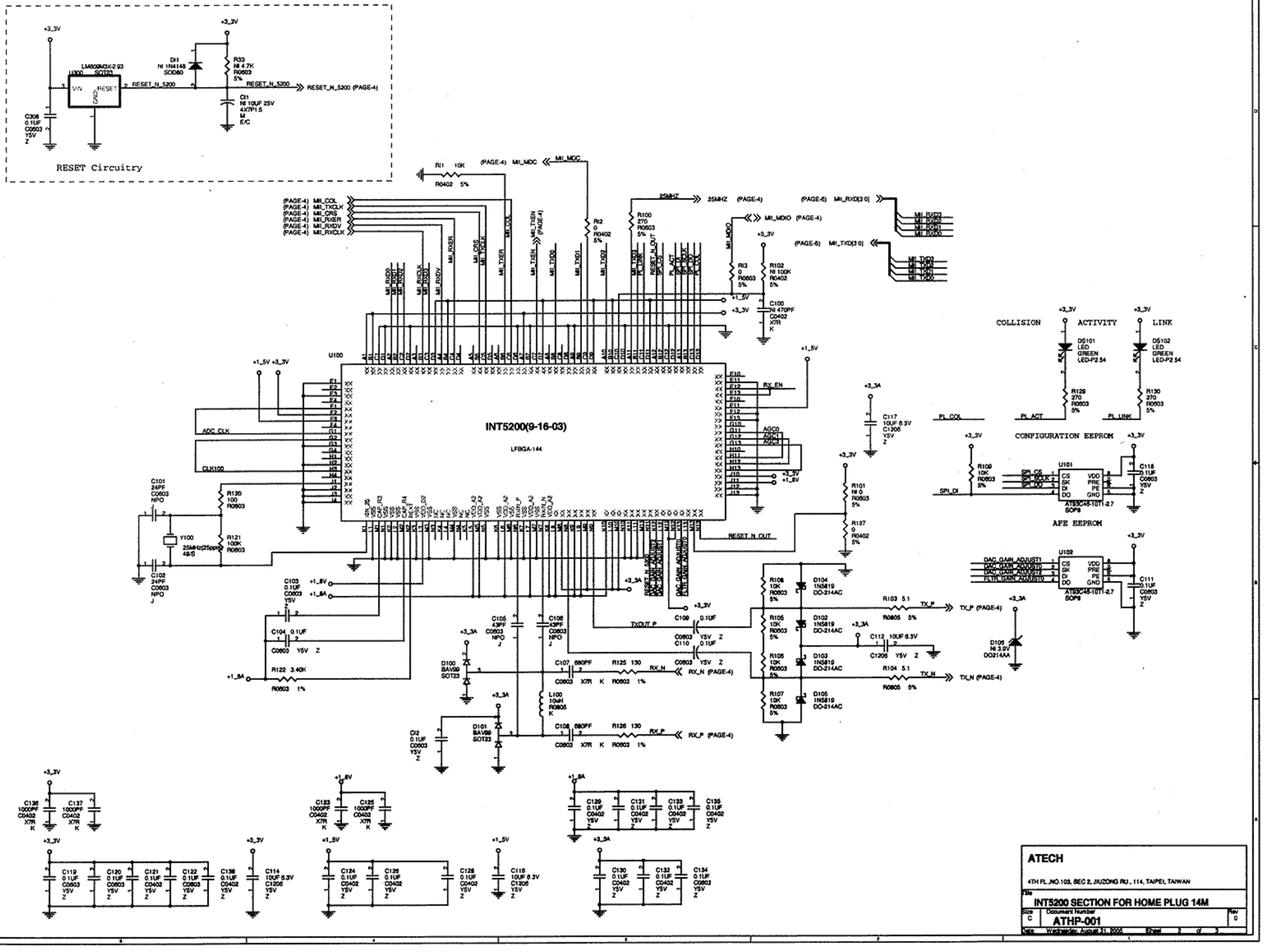
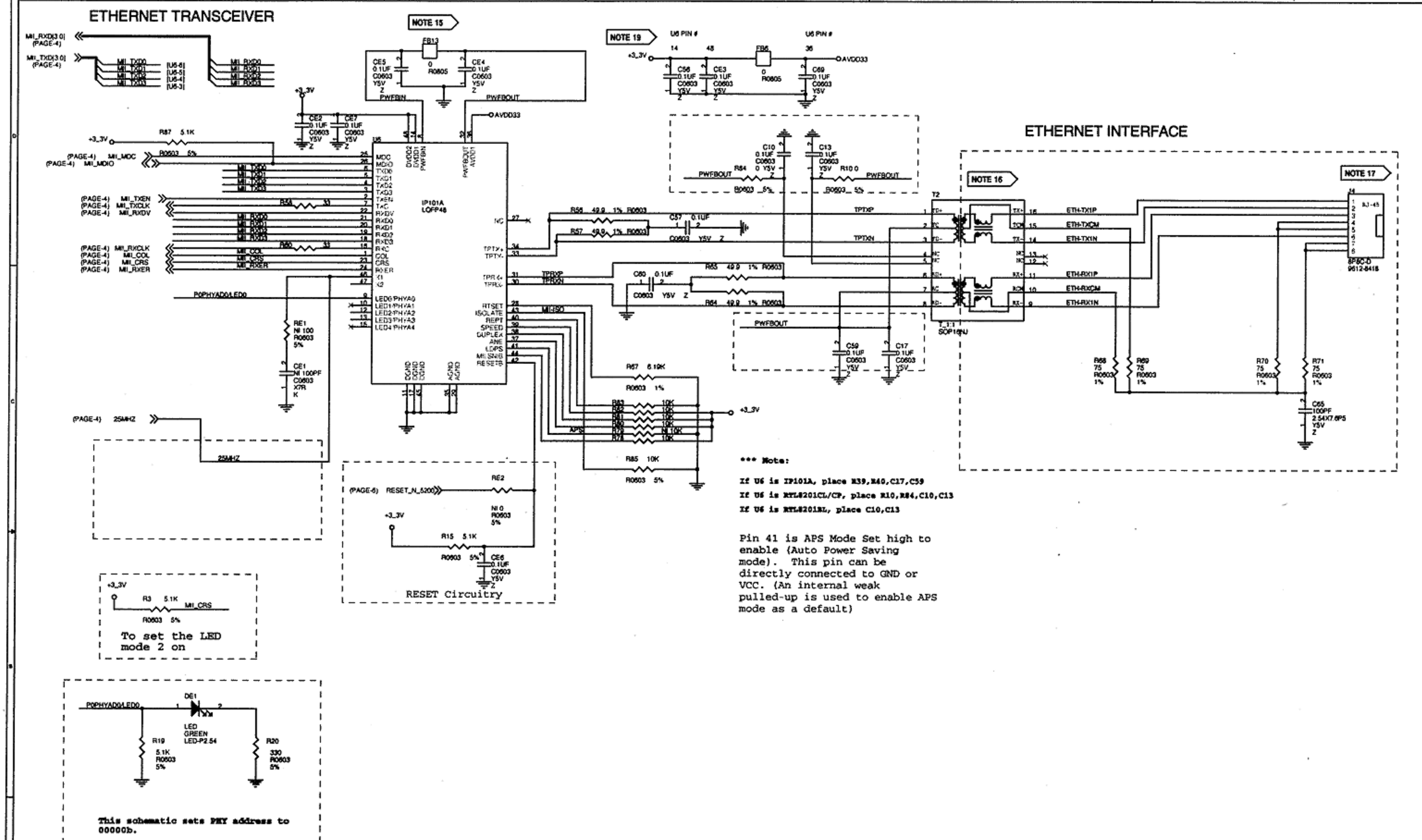

RX/TX SIGNAL COUPLING
C213 0.0047UF 275VAC
10X5P10 X7R K
R200 200K R208 200K
R1206 5% R1206 5%
T200
20002426
R2
R1
ATS-720
TX_N (PAGE-4)
TX_P (PAGE-4)
RX_N (PAGE-4)
RX_P (PAGE-4)
+3_3V
L204
C206 0.1UF C0603 Y5V Z
4.7UH-NLC M R1206
C207 0.1UF 50V C0603 Y5V Z
+3_3A
C212 1000PF 50V C0603 X7R K
SWITCHING POWER SUPPLY
J200
LINE
NEUTRAL
PWR JACK
MOV200 ERZ-V07D471 ZNR/100
F200 100mA
FUSES-DIP_PGP-A
RP1 0
R0805 5%
L200
NI 22mH
RP2 0
R0805 5%
C214 0.01UF 275VAC
10X5P10 X2 K
D201 B6S SIZB60-4072
C221 3.3UF/450V 10X20P5
C222 3.3UF/ 450V 10X20P5
R202 330K 5% 1/2W RES_1/2W_STAND
C223 2200PF 1KV 10% Y5P C/C_D10P5
R203 100 1/2W RES_1/2W_STAND
R209 2M 5% 1/2W RES_1/2W_STAND
D206 1N4937 DO-41_STAND
R201 4.7K 5% R1206
L201 100UH RCU0608-101K01
U200 TNY264 DIP8
EN/UV
BP
S(HVRTN)
C201 0.1UF 2.54X7.6P5
T201 LSPA20227
ATS-735
CY200 Y2 2200pF 20% 250V C/C_D8T5P5
D204 UF1002-T
DO-41_STAND
C215 2200UF/ 6.3V 10X13P5
L202 4.7UH-NLC R1206
C219 10UF 6.3V C1206 Y5V Z
C200 0.1UF C0402
+3_3V
D205 1N5821 DO-201AD_STAND
C217 2200UF/6.3V 10X13P5
L203 4.7UH-NLC R1206
C220 10UF 6.3V C1206 Y5V Z
C203 0.1UF C0402
+1_8V
U202 PC817 DIP4
R204 68 5% R0805
R205 510 5% R0402
R206 3.24K 1% R0402
C202 0.1UF C0402
C224 22UF/ 6.3V 4X7P1.5
R207 10K 1% R0402
U201 TL431CLP TO-92
+1_8V
L205
C225 10UF 6.3V C1206 Y5V Z
4.7UH-NLC M R1206
C211 0.1UF 50V C0603 Y5V Z
+1_8A
C205 10UF 6.3V C1206 Y5V Z
+1_8V
D207
1N5819 DO-214AC
+1_5V
C208 0.1UF C0603 Y5V Z
C210 0.1UF 50V C0603 Y5V Z
ATECH
Title
POWER FOR HOME PLUG 14M
Size
Document Number
ATHP-001
Rev 0
Date: Wednesday, August 31, 2005
Sheet 3 of 3


RESET Circuitry
INT5200(9-16-03)
LFBGA-144
U100
COLLISION
ACTIVITY
LINK
CONFIGURATION EEPROM
AFE EEPROM
ATECH
4TH FL.,NO.103, SEC 2, JHUZONG RU., 114, TAIPEI, TAIWAN
INT5200 SECTION FOR HOME PLUG 14M
ATHP-001
Wednesday, August 31, 2005



*** Note:

If U6 is IP101A, place R39,R40,C17,C59

If U6 is RTL8201CL/CP, place R10,R84,C10,C13

If U6 is RTL8201BL, place C10,C13

Pin 41 is APS Mode Set high to enable (Auto Power Saving mode). This pin can be directly connected to GND or VCC. (An internal weak pulled-up is used to enable APS mode as a default)

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4TH FL.,NO 103, SEC 2, JIUZONG RD., 114, TAIPEI, TAIWAN

Title: ETHERNET FOR HOME PLUG 14M

Size: C | Document Number: ATHP-001 | Rev: 0

Date: Wednesday, August 31, 2005 | Sheet 1 of 3