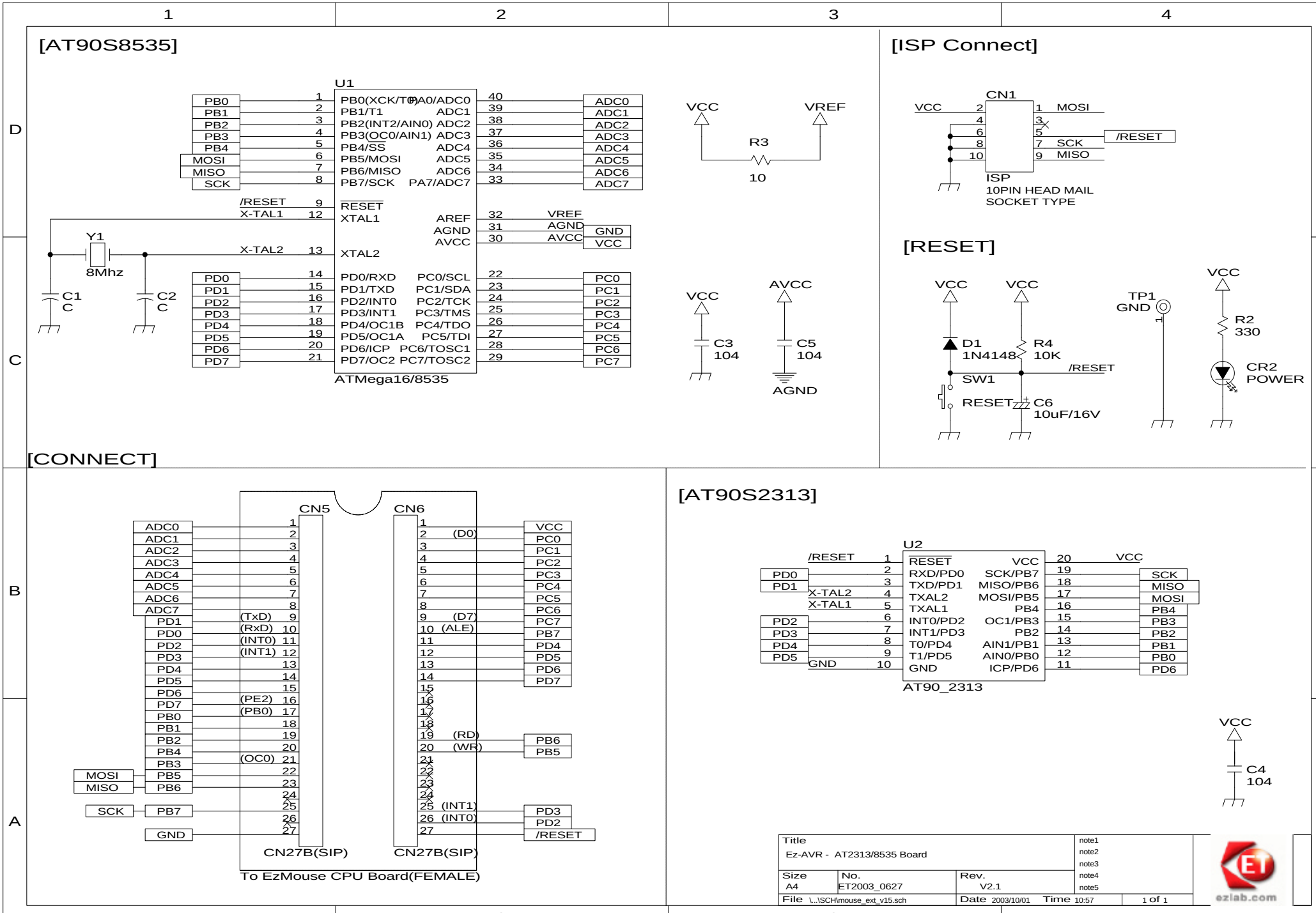
[AT90S8535]
U1
PB0 PB1 PB2 PB3 PB4 MOSI MISO SCK
PB0(XCK/T0) PB1/T1 PB2(INT2/AIN0) PB3(OC0/AIN1) PB4/SS PB5/MOSI PB6/MISO PB7/SCK
PA0/ADC0 ADC1 ADC2 ADC3 ADC4 ADC5 ADC6 PA7/ADC7
ADC0 ADC1 ADC2 ADC3 ADC4 ADC5 ADC6 ADC7
/RESET X-TAL1 X-TAL2
RESET XTAL1 XTAL2
AREF AGND AVCC
VREF AGND AVCC GND VCC
Y1 8Mhz
C1 C
C2 C
PD0 PD1 PD2 PD3 PD4 PD5 PD6 PD7
PD0/RXD PD1/TXD PD2/INT0 PD3/INT1 PD4/OC1B PD5/OC1A PD6/ICP PD7/OC2
PC0/SCL PC1/SDA PC2/TCK PC3/TMS PC4/TDO PC5/TDI PC6/TOSC1 PC7/TOSC2
PC0 PC1 PC2 PC3 PC4 PC5 PC6 PC7
ATMega16/8535
VCC VREF
R3 10
VCC AVCC
C3 104
C5 104
AGND
[ISP Connect]
CN1
VCC MOSI /RESET SCK MISO
ISP
10PIN HEAD MAIL SOCKET TYPE
[RESET]
VCC VCC
D1 1N4148
R4 10K
/RESET
SW1
RESET
C6 10uF/16V
TP1 GND
VCC
R2 330
CR2 POWER
[CONNECT]
CN5 CN6
ADC0 ADC1 ADC2 ADC3 ADC4 ADC5 ADC6 ADC7
PD1 PD0 PD2 PD3 PD4 PD5 PD6 PD7 PB0 PB1 PB2 PB4 PB3 PB5 PB6 PB7
(TxD) (RxD) (INT0) (INT1) (PE2) (PB0) (OC0)
(D0) (D7) (ALE) (RD) (WR) (INT1) (INT0)
VCC PC0 PC1 PC2 PC3 PC4 PC5 PC6 PC7 PB7 PD4 PD5 PD6 PD7
PB6 PB5
PD3 PD2 /RESET
MOSI MISO SCK GND
CN27B(SIP) CN27B(SIP)
To EzMouse CPU Board(FEMALE)
[AT90S2313]
U2
/RESET PD0 PD1 X-TAL2 X-TAL1 PD2 PD3 PD4 PD5 GND
RESET RXD/PD0 TXD/PD1 TXAL2 TXAL1 INT0/PD2 INT1/PD3 T0/PD4 T1/PD5 GND
VCC SCK/PB7 MISO/PB6 MOSI/PB5 PB4 OC1/PB3 PB2 AIN1/PB1 AIN0/PB0 ICP/PD6
VCC
SCK MISO MOSI PB4 PB3 PB2 PB1 PB0 PD6
AT90_2313
VCC
C4 104
Title
Ez-AVR - AT2313/8535 Board
note1 note2 note3 note4 note5
Size A4
No. ET2003_0627
Rev. V2.1
File \...\SCH\mouse_ext_v15.sch
Date 2003/10/01
Time 10:57
1 of 1
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