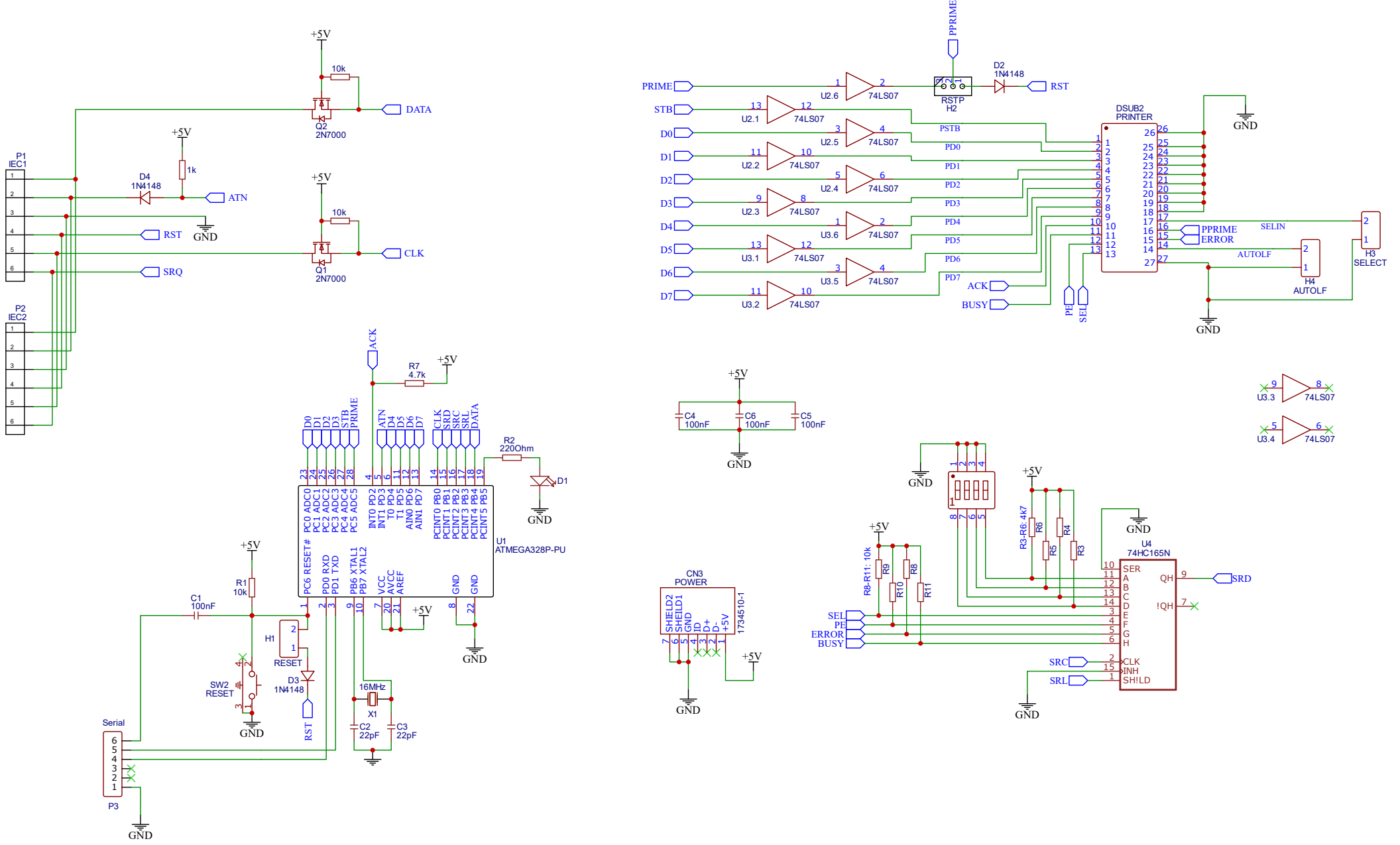
P1
IEC1
P2
IEC2
+5V
10k
Q2
2N7000
DATA
1k
D4
1N4148
ATN
RST
GND
Q1
2N7000
CLK
SRQ
PPRIME
PRIME
STB
D0
D1
D2
D3
D4
D5
D6
D7
U2.6
U2.1
U2.5
U2.2
U2.4
U2.3
U3.6
U3.1
U3.5
U3.2
74LS07
RSTP
H2
D2
1N4148
PSTB
PD0
PD1
PD2
PD3
PD4
PD5
PD6
PD7
ACK
BUSY
PE
SEL
DSUB2
PRINTER
PPRIME
ERROR
SELIN
AUTOLF
H3
SELECT
H4
AUTOLF
U3.3
U3.4
R7
4.7k
R2
220Ohm
D1
C4
100nF
C6
100nF
C5
100nF
U1
ATMEGA328P-PU
PC0 ADC0
PC1 ADC1
PC2 ADC2
PC3 ADC3
PC4 ADC4
PC5 ADC5
PC6 RESET#
PD0 RXD
PD1 TXD
INT0 PD2
INT1 PD3
T0 PD4
T1 PD5
AIN0 PD6
AIN1 PD7
PCINT0 PB0
PCINT1 PB1
PCINT2 PB2
PCINT3 PB3
PCINT4 PB4
PCINT5 PB5
PB6 XTAL1
PB7 XTAL2
VCC
AVCC
AREF
GND
R1
10k
C1
100nF
H1
RESET
SW2
RESET
D3
1N4148
16MHz
X1
C2
22pF
C3
22pF
Serial
P3
CN3
POWER
SHIELD2
SHEILD1
GND
ID
D+
D-
+5V
1734510-1
R8-R11: 10k
R9
R10
R8
R11
R3-R6: 4k7
R6
R5
R4
R3
U4
74HC165N
SER
A
B
C
D
E
F
G
H
QH
!QH
CLK
INH
SH!LD
SRD
SRC
SRL