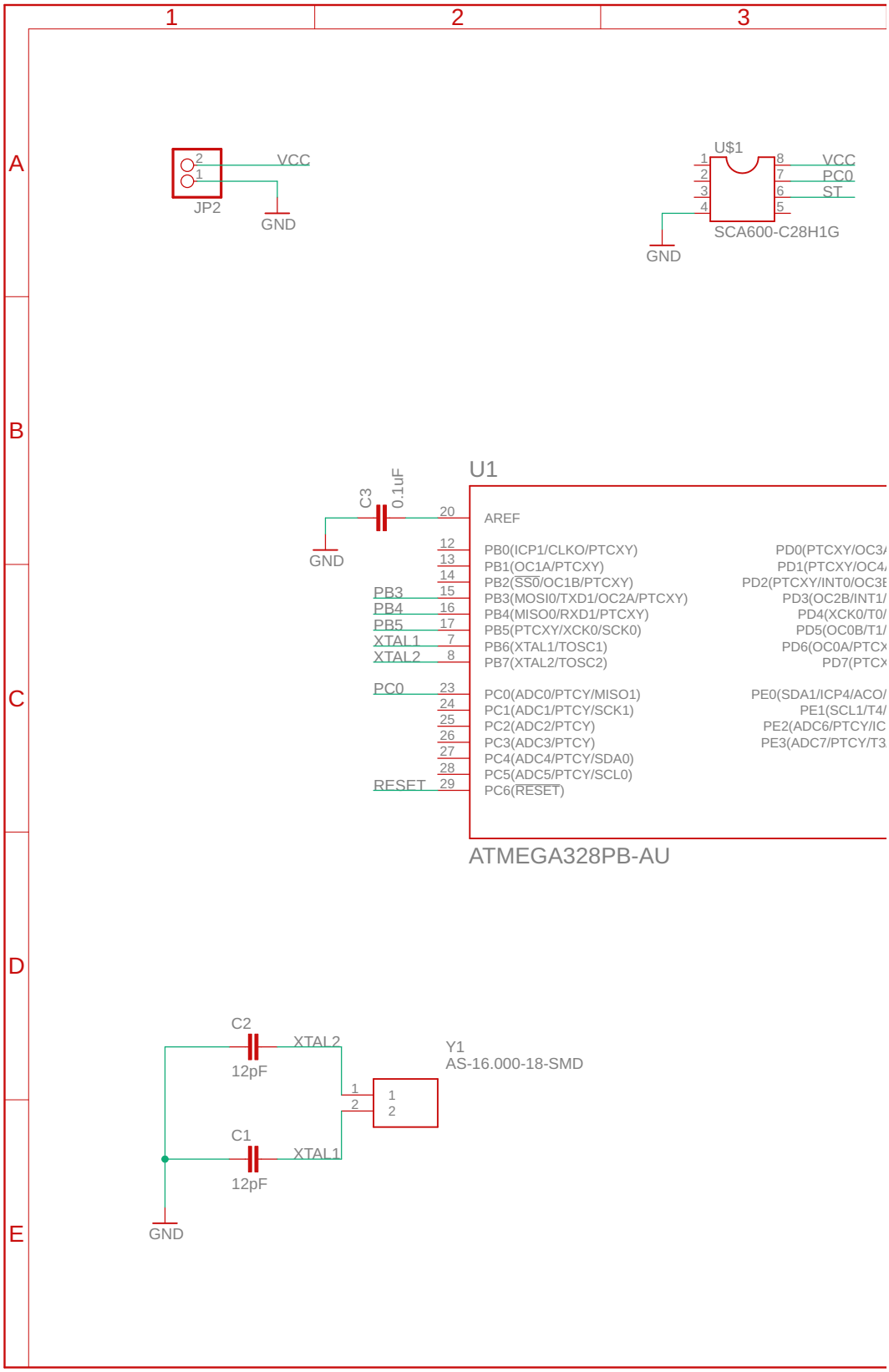
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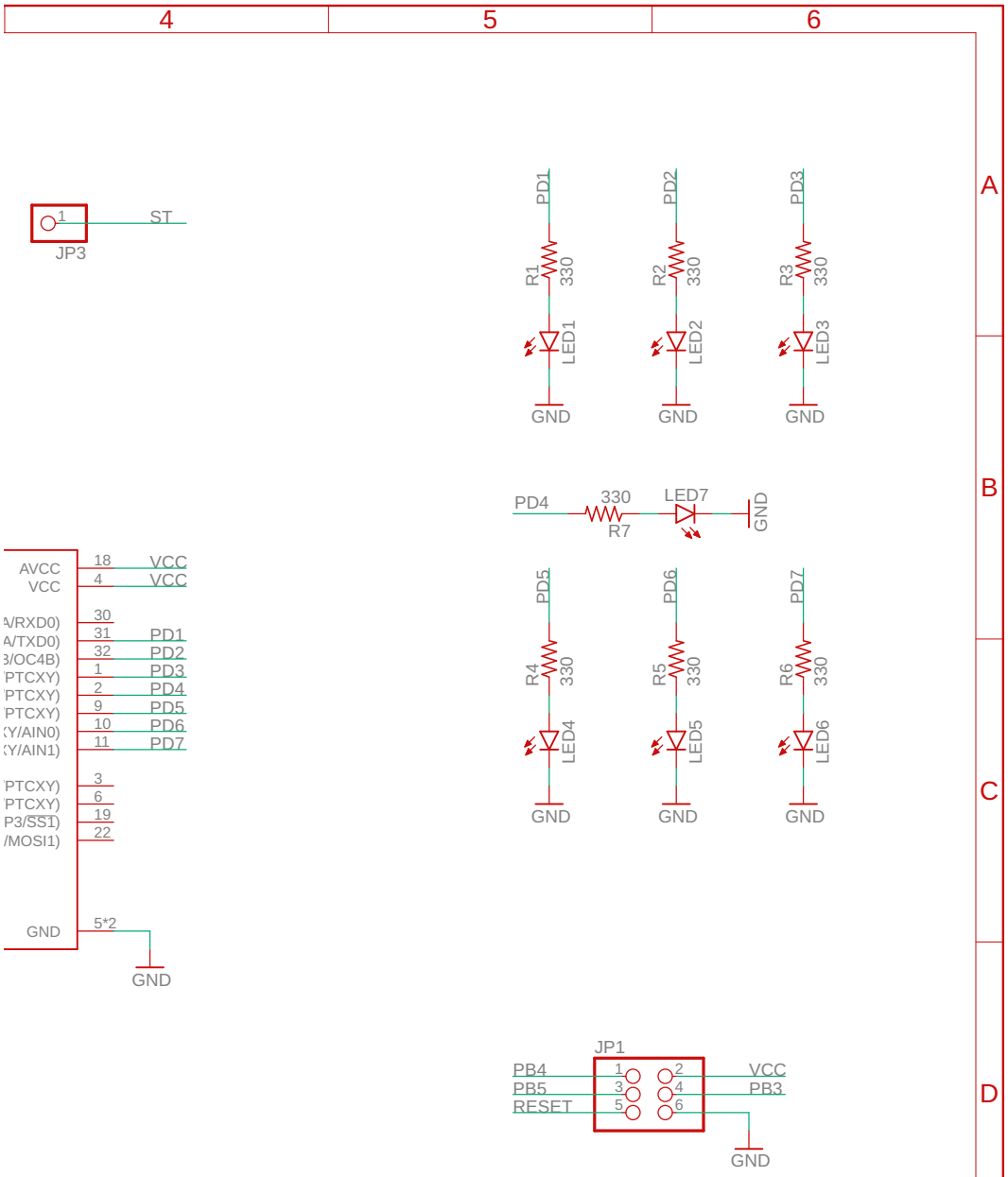
2
3
A
B
C
D
E
JP2
VCC
GND
U$1
SCA600-C28H1G
VCC
PC0
ST
GND
U1
C3
0.1uF
GND
AREF
PB0(ICP1/CLKO/PTCXY)
PB1(OC1A/PTCXY)
PB2(SS0/OC1B/PTCXY)
PB3(MOSI0/TXD1/OC2A/PTCXY)
PB4(MISO0/RXD1/PTCXY)
PB5(PTCXY/XCK0/SCK0)
PB6(XTAL1/TOSC1)
PB7(XTAL2/TOSC2)
PC0(ADC0/PTCY/MISO1)
PC1(ADC1/PTCY/SCK1)
PC2(ADC2/PTCY)
PC3(ADC3/PTCY)
PC4(ADC4/PTCY/SDA0)
PC5(ADC5/PTCY/SCL0)
PC6(RESET)
PB3
PB4
PB5
XTAL1
XTAL2
PC0
RESET
ATMEGA328PB-AU
C2
12pF
XTAL2
Y1
AS-16.000-18-SMD
C1
12pF
XTAL1
GND


4
5
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R1
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LED1
GND
PD2
R2
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LED2
GND
PD3
R3
330
LED3
GND
PD4
330
R7
LED7
GND
PD5
R4
330
LED4
GND
PD6
R5
330
LED5
GND
PD7
R6
330
LED6
GND
AVCC
VCC
18
4
VCC
VCC
A/RXD0)
A/TXD0)
3/OC4B)
PTCXY)
PTCXY)
PTCXY)
Y/AIN0)
Y/AIN1)
30
31
32
1
2
9
10
11
PD1
PD2
PD3
PD4
PD5
PD6
PD7
PTCXY)
PTCXY)
P3/SS1)
/MOSI1)
3
6
19
22
GND
5*2
GND
JP1
PB4
PB5
RESET
1
3
5
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4
6
VCC
PB3
GND
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