GND

5V

C4

C5

R1
10μ

.47μ

10Ω

SPARKFUN_PTCPTH

5V

R2
R3
GREEN 1kΩ
GREEN 1kΩ

D1
GREEN
D2
GREEN

MINI-USB-UX60-MB-5S8

X1

CH340G

1   16
2   15
3   14
4   13
5   12
6   11
7   10
8   9

JP1

GND
CTS
VCC
TXO
RXI
DTR

GND

Y1
12MHz

C1   C2
22p   22p

C3

1n

J1

MISO   1   2   +5
SCK   3   4   MOSI
RESET   5   6   GND

AVR_SPI_PRG_6PTH

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