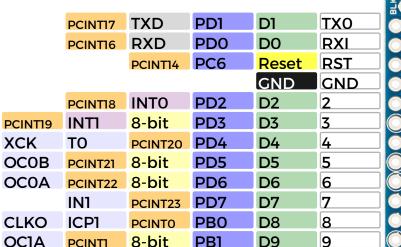
## Name ADC Power PWM GND Serial Ext Interrupt Control PC Interrupt Arduino Port Misc

## Arduino Pro Mini (DEV-11113)

Programmed as Arduino Pro Mini w/ ATmega328 16MHz / 5V

GND CTS VCC TXO RXI DTR



| BELI      | FTDI Header                                          | GR           |     |        |      |         |         |        |      |
|-----------|------------------------------------------------------|--------------|-----|--------|------|---------|---------|--------|------|
| GND G     | To target board  ND VCC RXI T                        | XO DTR       |     |        |      |         |         |        |      |
| <b>HO</b> | 0000                                                 | O K          |     |        |      |         |         |        |      |
| O S.      | GND UCC RXI TX                                       | ₩ ₹ <b>(</b> | RAW | RAW    |      |         |         |        |      |
| O H       | Arduino Pr                                           |              | GND | GND    |      |         |         |        |      |
|           |                                                      | RS.T.        | RST | Reset  | PC6  | PCINT14 |         |        |      |
|           | S · KITTLE L                                         | 190          | VCC | VCC    |      |         |         |        |      |
| 0~        | 10 1/4                                               | E 0          | A3  | A3/D17 | PC3  | ADC3    | PCINT11 |        |      |
|           |                                                      | 92           | A2  | A2/D16 | PC2  | ADC2    | PCINT10 |        |      |
| 04        | 10 9 <b>10 10 10 10 10 10 10 10 10 10 10 10 10 1</b> | Œ            | Al  | A1/D15 | PC1  | ADC1    | PCINT9  |        |      |
|           | The sill                                             | Se O         | A0  | A0/D14 | PC0  | ADC0    | PCINT8  |        |      |
| 00        | 2 1111                                               | (F)          | 13  | D13    | PB5  | SCK     | PCINT5  | LED    |      |
| 0 N       | Reset                                                | NO.          | 12  | D12    | PB4  | MISO    | PCINT4  |        |      |
| <b>ω</b>  |                                                      |              |     | D11    | PB3  | 8-bit   | MOSI    | PCINT3 | OC2A |
| On l      |                                                      |              | 10  | D10    | PCB2 | 8-bit   | SS      | PCINT2 | OC1B |
|           | Reset Butto                                          | on           |     |        |      |         |         |        |      |
|           |                                                      |              |     |        |      |         |         |        |      |

| A5 | A5/D19 | PC5 | ADC5 | SCL | PCINT13 |
|----|--------|-----|------|-----|---------|
| Α4 | A4/D18 | PC4 | ADC4 | SDA | PCINT12 |

| A7 | A7 | ADC7 |
|----|----|------|
| A6 | A6 | ADC6 |

## Power

OC2B

AINO

TI

PCINT19 **XCK** 

OC0B

CLKO

OC1A

Raw: 5V-16V (6V-12V recommended)

VCC: 5V

Maximum current: 150mA @5V

ATmega328P Absolute maxiumum VCC: 6V Maximum current for chip: 200mA Maximum current per pin: 40mA Recommended current per pin: 20mA 8-bit Atmel AVR Flash Program Memory: 32kB EEPROM: 1kB Internal SRAM: 2kB ADC: 10-bit PWM: 8bit

**LEDs** Power: Red

User (D13): Green

