METRO adafruit IND PINOUT

Vin — Input voltage to the board when it's using an external power source. Not USB bus

IOREF — Logic reference voltage for shields that use it. Is connected to the 5V bus

3V3 — The Absolute output from the 3.3V regulator is MAX 150MA

Power
GND
Physical PIN
Port PIN
Analog PIN
Serial PIN
PIN Function
Interrupt PIN
Control PIN
IDE

PWM Pin
Port power group

+7V...+12V
GND
Vin
2.1mm

USB JACK
Micro Type B

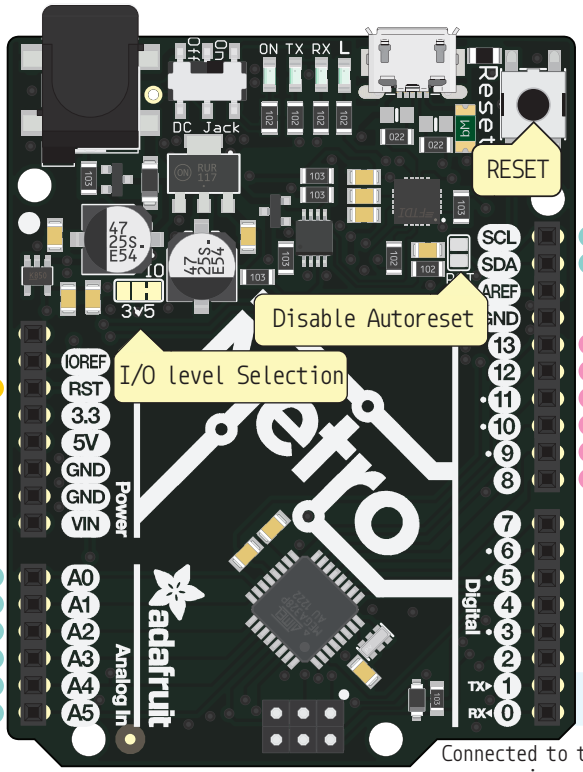
Absolute MAX per pin 40mA, 20mA recommended

Absolute MAX 200mA for the entire package

The total current of each port power group should not exceed 100mA

When I/O level is 3.3V

Absolute MAX per pin 20mA, 10mA recommended



NC
IOREF
RESET PCINT14 PC6 1
3V3
5V
GND
GND
Vin

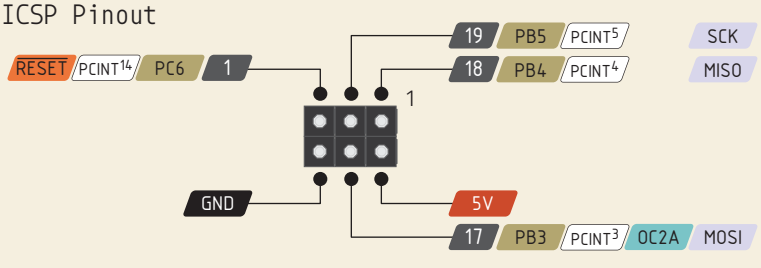
14 A0 ADC0 PCINT8 PC0 23
15 A1 ADC1 PCINT9 PC1 24
16 A2 ADC2 PCINT10 PC2 25
17 A3 ADC3 PCINT11 PC3 26
18 A4 SDA ADC4 PCINT12 PC4 27
19 A5 SCL ADC5 PCINT13 PC5 28

28 PC5 PCINT13 ADC5 SCL 19 A5
27 PC4 PCINT12 ADC4 SDA 18 A4
21 AREF
GND
19 PB5 PCINT5 SCK 13
18 PB4 PCINT4 MISO 12
17 PB3 PCINT3 OC2A MOSI 11
16 PB2 PCINT2 OC1B SS 10
15 PB1 PCINT1 OC1A 9
14 PB0 PCINT0 CLKO ICP1 8

13 PD7 PCINT23 AIN1 7
12 PD6 PCINT22 AIN0 OC0A 6
11 PD5 PCINT21 T1 OC0B 5
6 PD4 PCINT20 XCK T0 4
5 PD3 PCINT19 INT1 OC2B 3
4 PD2 PCINT18 INT0 2
3 PD1 PCINT17 TXD 1
2 PD0 PCINT16 RXD 0

Connected to the ATmega and used for USB programming and comunicating with it

ICSP Pinout



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