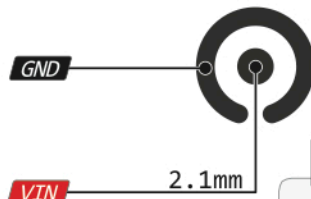


# UNO PINOUT

7-12V Depending on current drawn

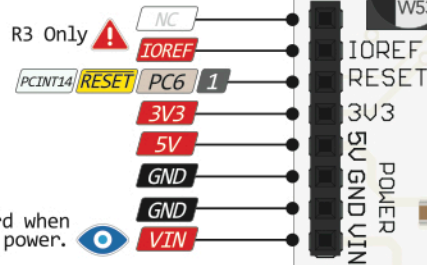


! Absolute MAX per pin 40mA recommended 20mA

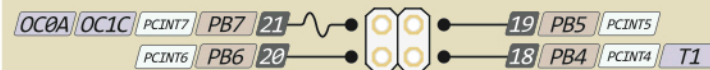
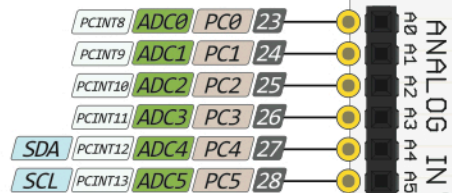
⊘ Absolute MAX 200mA for entire package

**IOREF** provides a logic reference voltage for shields that use it. It is connected to the 5V bus.

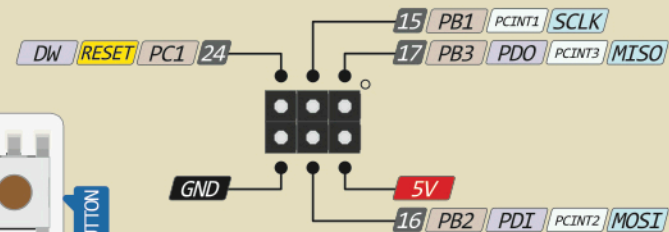
R3 Only !



The input voltage to the board when it is running from external power. Not USB bus power.

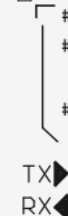


ATMEGA 82U/16U2 ICSP



Cut to disable autoreset

DIGITAL  
[# = PWM]



! R3 Only

- Power
- GND
- Serial Pin
- Analog Pin
- Control
- INT
- Physical Pin
- Port Pin
- Pin function
- Interrupt Pin
- PWM Pin
- Port Power

Connected to the ATmega and used for USB program and communicating with it

! The power sum for each pin's group should not exceed 100mA

