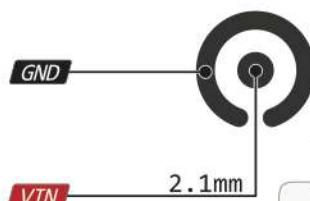


# UNO PINOUT

 7-12V Depending  
on current drawn



**! Absolute MAX per pin 40mA  
recommended 20mA**

 Absolute MAX 200mA  
for entire package

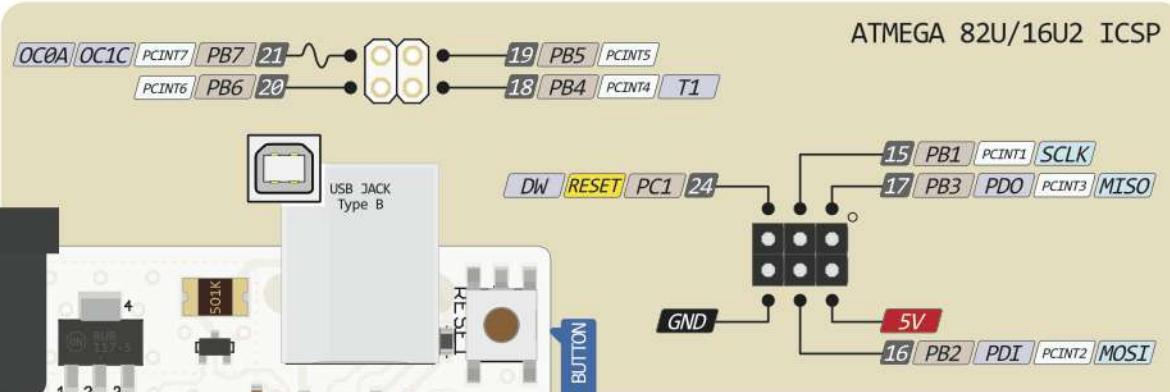
**I<sub>OREF</sub>** provides a logic reference voltage for shields that use it. It is connected to the 5V bus.

R3 0m

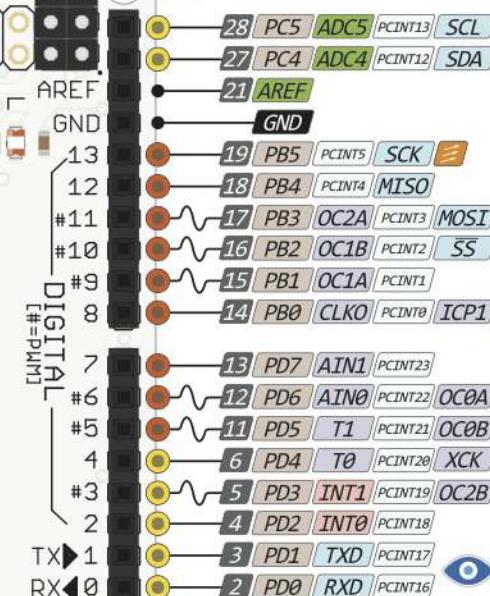
The input voltage to the board when it is running from external power. Not USB bus power.



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



SCL  
CPA ! R3 Only



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

