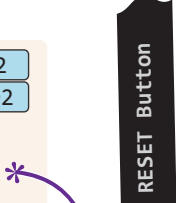
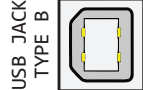
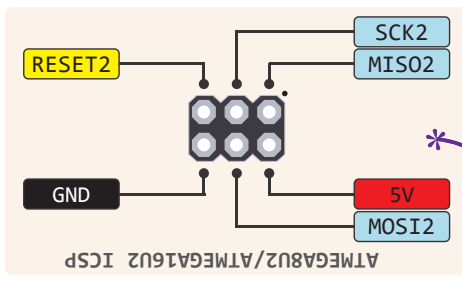
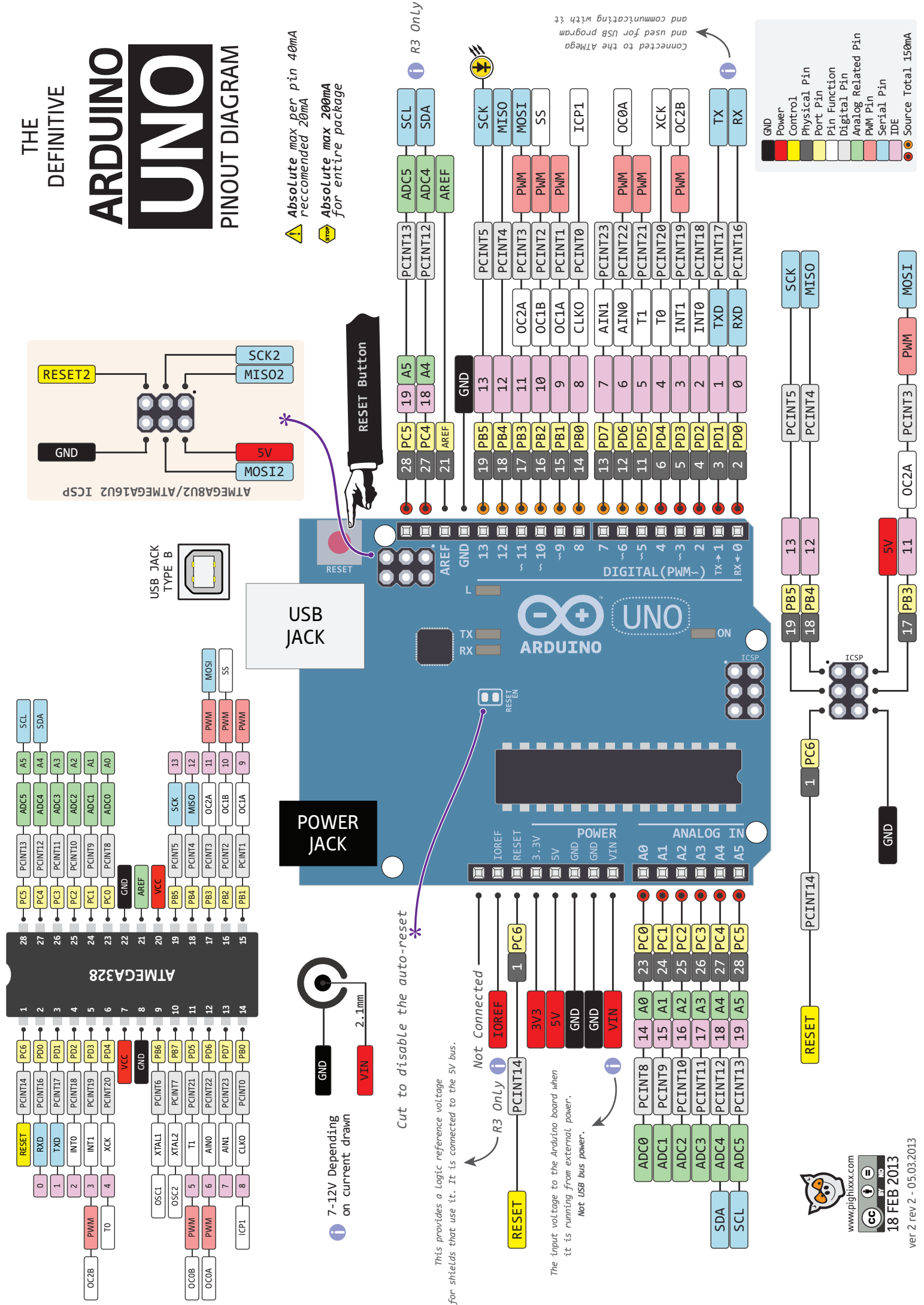


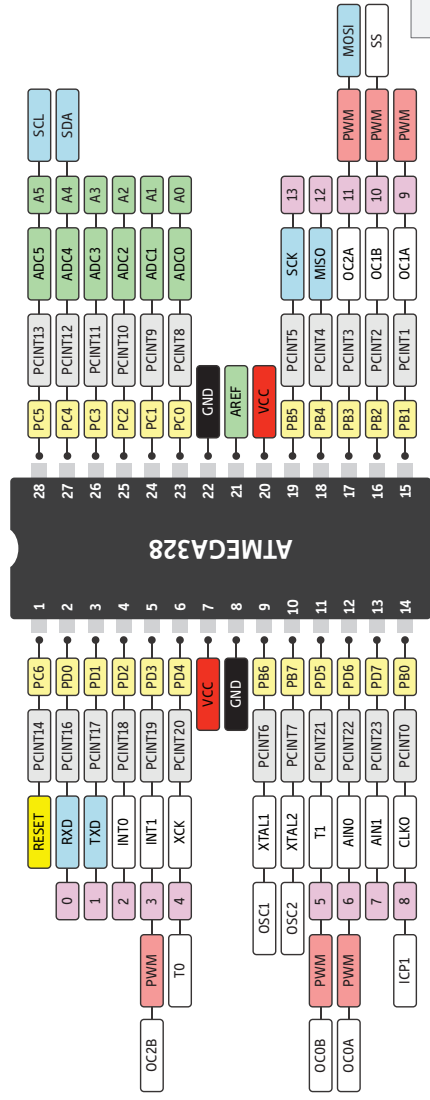
# THE DEFINITIVE ARDUINO UNO PINOUT DIAGRAM



**⚠ Absolute max per pin 40mA recommended 20mA**  
**⚡ Absolute max 200mA for entire package**

and communicating with it  
 and used for USB program

|   |                    |
|---|--------------------|
| ⚫ | GND                |
| ⚪ | Power              |
| ⚫ | Control            |
| ⚪ | Physical Pin       |
| ⚫ | Port Pin           |
| ⚪ | Pin Function       |
| ⚫ | Digital Pin        |
| ⚪ | Analog Related Pin |
| ⚫ | PWM Pin            |
| ⚪ | Serial Pin         |
| ⚫ | IDE                |
| ⚪ | Source Total 150mA |



**i** 7-12V Depending on current drawn

*Cut to disable the auto-reset*

This provides a Logic reference voltage for shields that use it. It is connected to the 5V bus.

Not Connected

R3 OnLy

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

