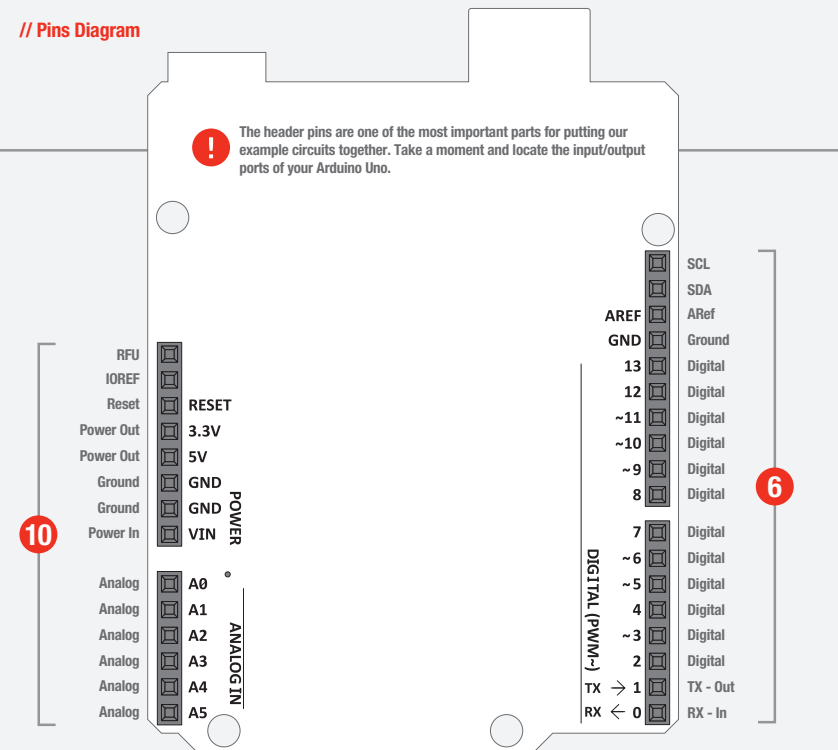


Arduino Uno

- 1** Power In (Barrel Jack) - Can be used with either a 9V or 12V wall-wart or battery.
- 2** Power In (USB Port) - Provides power and communicates with your board when plugged into your computer via USB.
- 3** LED (RX: Receiving) - This shows when the Arduino is receiving data (such as when being programmed).
- 4** LED (TX: Transmitting) - This shows when your Arduino is transmitting data (such as when running a program).
- 5** LED (Pin 13: Troubleshooting) - This LED is incorporated into your sketch to show if your program is running properly.
- 6** Pins (ARef, Ground, Digital, Rx, Tx) - These various pins can be used for inputs, outputs, power, and ground. // See Diagram Below
- 7** LED (Indicates Arduino is ON) - This is a simple power indicator LED.
- 8** Reset Button - This is a way to manually reset your Arduino, which makes your code restart.
- 9** ICSP Pins (Uploading Code without Bootloader) - This is for "In-Circuit Serial Programming," used if you want to bypass the boot loader.
- 10** Pins (Analog In, Power In, Ground, Power Out, Reset) - These various pins can be used for inputs, outputs, power, and ground. // See Diagram Below

// Pins Diagram



~ = PWM/Analog out compatible (i.e. ~3)