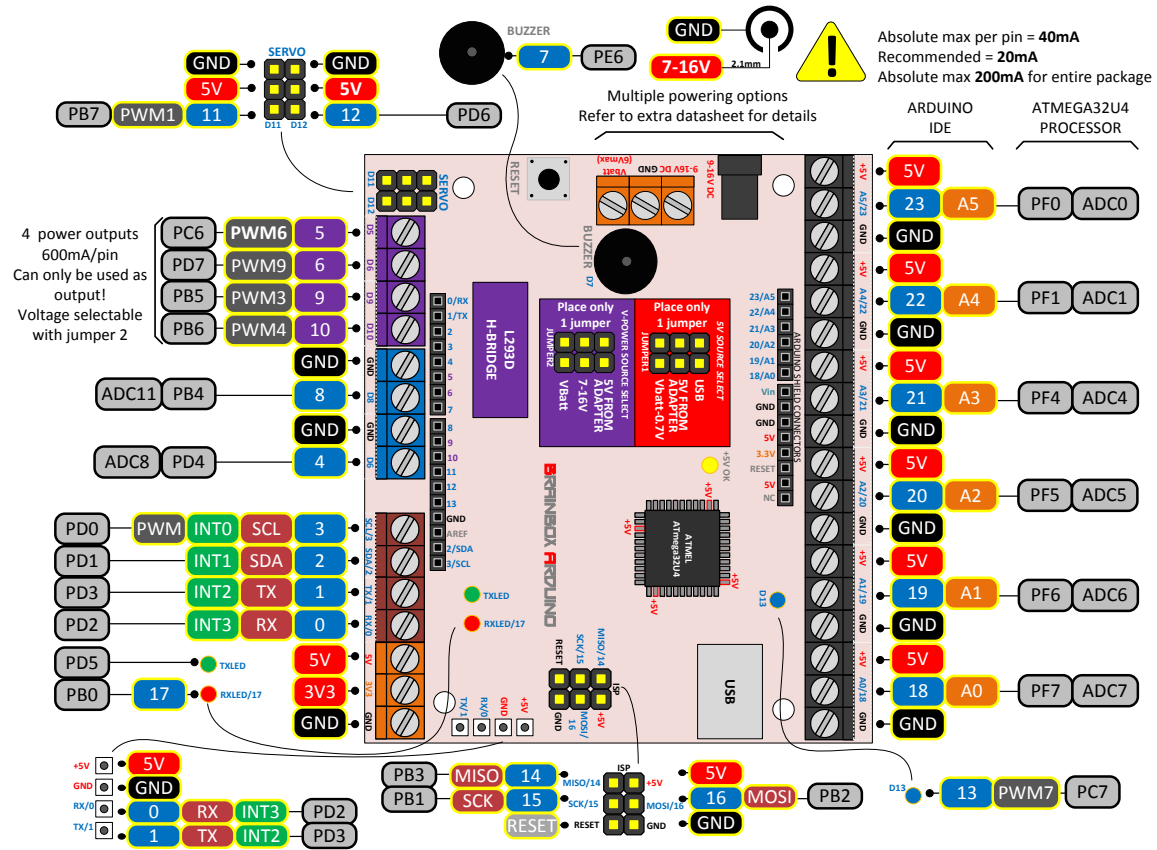


O-PWM – CONTROLLING THE POWER OF AN OUTPUT PIN



All pins marked with “ **PWM** ” can be used to generate PWM signals.

Be aware that ARduino IDE uses the ARduino pin number to select the PWM channel. This Arduino pin number is in this **blue** or this **purple** symbol.

Flowcode and the other programming languages use the official pin names – with a unique index number for each PWM channel. **PWM**

At these pins **blue** the current of the PWM channel is limited to 20mA
 At these pins **purple** the current of the PWM channel is limited to 600mA

PWM knowledge:

PWM signals are used to control the power of the output pin. It can be used to dim a led or to control the rpm of of DC motor.

Arduino likes to call these PWM outputs 'Analog outputs' but it is clear that PWM signals are digital signals. By controlling the ON-TIME between 0% and 100% users are able to control the power that is generated by this PWM signal.

