

Arduino Pulse Generator Readme

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1 Setup

This device can be set threshold and pulse length.

In order to set up this, you can use 2 jumper pin like select button and Enter button.

As shown in the figure below, use jumper pin "N" to select value, "R" to Enter.

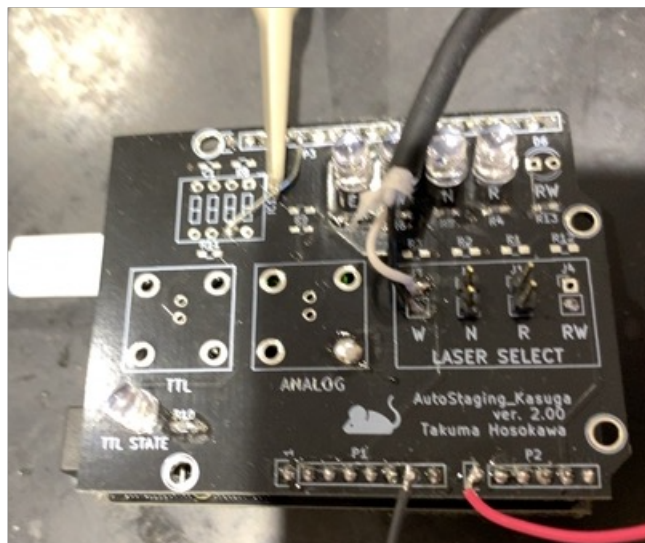


図 1 Jumper Pin

When you turn on the power, setup mode will start. If you don't want to setup, you don't have to do anything.

Setup mode has 2 stages of setup. First, you can set threshold. Short jumper "N" sometime to select threshold, and short jumper "R" once and short time to decide value.

After this, you can set pulse length in the same way. When setting is completed, LED "E" will blink. The setting is over with this.

























LED	W	N	R		
				Threthord [%]	Pulse Length[ms]
				0	0
				10	10
				20	20
				30	30
				40	40
				50	50
				60	60
				70	70

图 2 LED binary table

2 RUN

work in progress