

BILL OF MATERIALS

QTY	P/N	DESCRIPTION	PURCHASE LINK
1		Genuine Arduino Uno	https://amzn.to/33JYk4l
1		8 Channel Relay Board	https://amzn.to/3bocwCz
1		10k Potentiometer	https://amzn.to/38FX309
1		Pot. Mounting bracket	https://amzn.to/2RWkGeW
		5V Linear Regulator	https://amzn.to/39lcTMC

REVISIONS

REV.	DESCRIPTION	DATE	APPROV. BY
1	1st Version	01/20	BW

5V REGULATOR



5V
GND

ARDUINO UNO



GND
5V

8 Channel Relay Board



Common
Common
Common
Common

V_{in}

** Arduino program will read Voltage on analog pin A0 and turn light bulbs 1 at a time with a short delay between them.

GENERATOR



V_{in}

REGULATED
12.0 to 13.5 DC

POTENTIOMETER



10k

PEDAL POWER LIGHT BULB DISPLAY



DISPLAY ENGINEERING SERVICES

Designed by BW

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INTELLECTUAL PROPERTY - <http://PedalPowerGenerator.com>