

Rotary Encoder Thing 2

Bill of Materials

Part ID	Part Description
U1-U3	2 Digit 7 Segment CC
U4	MAX7219 Display Driver
U5	PCF8574 IO Expander
U6	Arduino Pro Mini Module
D1-D7	5mm Neopixel LED
R1-R3	10K resistor
R4,R5	4.7K resistor
C1-C5	0.1 uF 25V
SW1-SW5	Lighted pushbutton
KNOBS	R/G/B Knobs
ENC1-ENC3	Rotary encoder
SP1	Piezo speaker
Headers	12 pin header
Headers	2 pin header
Headers	5 pin header
PCB	PCB i704
BASE	100mm Plastic Base
USB	USB connector module
WIRE	Red & Black Power Wires
SCREWS	#2 sheet metal screws (2)
SCREWS	#4 machine screws (4)