

## Dice Shield

### Bill of Material

Part ID	Qty	Description
U1	1	.38" CC 7 segment LED
D1-D7	7	5mm bulb Neopixel
D8-D11	4	1N914
Q1,Q2	2	2N3904
C1-C7	7	0.1uF axial capacitor
C8,C9,C11-C14	6	1.0uF electrolytic capacitor
SW1	1	Lighted pushbutton
SW2	1	#20 vibration sensor
R1-R7	7	470 Ohm 1/8W (YEL VIO BLK BLK)
R9,R10	2	100K 1/8W (BRN BLK BLK ORG)
R11	1	4.7K 1/8W (YEL VIO BLK BRN)
R12	1	47K 1/8W (YEL VIO RED BRN)
RLED	1	2.2K 1/8W (RED RED BLK BRN)
P5	10	pin header
P6	8	pin header
P7	8	pin header
P8	6	pin header
PCB	1	L102 shield PCB