

Bill of Material for Science on a Stick

Arduino Board

Part	Value	Device	Package
C1	0.1uF	Ceramic CAPACITOR	C025-025X050
C3	0.1uF	Ceramic CAPACITOR	C025-025X050
C4	10uF	Electrolytic CAPACITOR	E2,5-6
C5	10uF	Electrolytic CAPACITOR	E2,5-6
IC1	LM358N	LM358N	DIL08
LED1	RED	LED3MM	LED3MM
LED2	RED	LED3MM	LED3MM
TOP-SWITCH	NA	M03-Connector	Male Connector
R1	680	RESISTOR	0207/7 (1/8 Watt)
R2	10k	RESISTOR	0207/7 (1/8 Watt)
R3	47k	RESISTOR	0207/7 (1/8 Watt)
R4	47k	RESISTOR	0207/7 (1/8 Watt)
R5	1k	RESISTOR	0207/7 (1/8 Watt)
R6	10k	RESISTOR	0207/7 (1/8 Watt)
R8	4.7k	RESISTOR	0207/7 (1/8 Watt)
BOTTOM-SWITCH	NA	M03-Connector	Male Connector
S1	NA	Omron Push-Button	40-XX
SL1	NA	2-pin header	Straight
SL2	NA	2-pin header	Straight
COIL	NA	M02-Connector	Male Connector
SL4	NA	2-pin header	Straight
U\$1	NA	ARDUINO_NANO	ARDUINO_NANO