

NJ MAKERSPACE ASSOCIATION: BASIC ELECTRONICS EDUCATION KIT

LED

Kit Qty.	Newark SKU	Manufacturer Part Number
3	40K0080	HLMP-4700
3	15B5582	AND113GP
3	08R2880	C503B-AAS-CY0B0251
1	53W5842	302

Resistor

Kit Qty.	Newark SKU	Manufacturer Part Number	Value	Wattage
1	59K8524	MCCFR01SJ0103A10	10k Ω	1
1	38K0400	MCF 1W 1K	1k Ω	1
3	58K4969	MCCFR0S2J0331A20	330 Ω	1/2

Capacitor

Kit Qty.	Newark SKU	Manufacturer Part Number	Value
2	70K9680	MCGPR25V106M5X11-RH	10 μ F
1	70K9681	MCGPR25V107M6.3X11-RH	100 μ F
1	39T8569	16YXF1000MEFC10X20	1,000 μ F

Switch

Kit Qty.	Newark SKU	Manufacturer Part Number
3	67P3614	MC32829
1	14M7460	48ASSP1S1M2QBT
1	50F7985	MDCG-4

Sensor

Kit Qty.	Newark SKU	Manufacturer Part Number
1	31K6641	A1302KUA-T
1	05M4559	57140-000
1	40T8311	TM1000Q

Breadboard

Kit Qty.	Newark SKU	Manufacturer Part Number
1	56T0251	TW-E41-1020
3	53W5879	356

Connector Assembly

Kit Qty.	Newark SKU	Manufacturer Part Number
1	10M4269	3781-12-2
1	10M4268	3781-12-0

Miscellaneous

Kit Qty.	Newark SKU	Manufacturer Part Number	Type
1	87K2254	2N2222	Transistor
1	07WX1229	MM10	Motor
1	10M8464	1N4001	Diode
1	52F3319	235	Battery Strap