

Digilent Electronic Explorer Board Kit



DIGILENT ELECTRONIC EXPLORER BOARD KIT

Resistor

Kit Qty.	Newark SKU	Manufacturer Part Number	Value	Wattage
1	58K4999	MCCFR0W4J0100A50	10Ω	1/4
1	64K5127	OD510JE	50Ω	1
2	58K5000	MCCFR0W4J0101A50	100Ω	1/4
2	58K5001	MCCFR0W4J0102A50	1kΩ	1/4
1	58K5014	MCCFR0W4J0151A50	1.5kΩ	1/4
2	58K5025	MCCFR0W4J0202A50	2kΩ	1/4
2	59K8387	MCCFR0W4J0512A50	5.1kΩ	1/4
2	58K5069	MCCFR0W4J0682A50	6.8kΩ	1/4
10	58K5002	MCCFR0W4J0103A50	10kΩ	1/4
10	58K5026	MCCFR0W4J0203A50	20kΩ	1/4

Capacitor

Kit Qty.	Newark SKU	Manufacturer Part Number	Value
2	05C3803	A101J15C0GF5TAA	100pF
2	46P6661	MC0805Y103M101A2.54MM	0.01μF
2	39T1450	MCMHR50V104M4X7	0.1μF
2	95C0982	K105Z20Y5VE5TH5	1μF
1	46P6318	MC0805B472K500A2.54MM	4.7nF
1	80K7092	226CKR050M	22μF

Transistor

Kit Qty.	Newark SKU	Manufacturer Part Number	Type	Value
1	08N8111	2N3904	Transistor	NPN 40V 200mA
1	08N8112	2N3906	Transistor	PNP 40V 200mA
1	58K9650	2N7000	MOSFET	N-CH 60V 200mA

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ICs

Kit Qty.	Newark SKU	Manufacturer Part Number	Type	Value
1	60K5141	CD4511BE	7 Segment Driver	CD4511
1	72T2646	TCA0372DP1G	Op Amp	TCA0372
1	71R2054	74HC14N,652	Inverter	74HC14
1	07WX3654	74HC00N	NAND	74HC00
1	44J0443	RC4558IP	Op Amp	RC4558

Miscellaneous

Kit Qty.	Newark SKU	Manufacturer Part Number	Type	Value
1	46P8717	11R102C	Inductor	1 μ H
1	98K4995	1N4001.	Diode	1N4001
1	08R2993	C503B-RCN-CW0Z0AA1	LED	Red
1	25R0883	MCKP0822R1-4713	Speaker	8 Ω
1	99W1758	MCBBJ65	Breadboard Wire Kit	