

Bill of Materials for ES11 - Triple Comparator [4mm] Full Kit V0.6

Item	Description	Qty	Designator	Package
HARDWARE				
1	Bush Panel Retention - M2.5/Grey	4		-
2	M2.5 Thumbscrew	4		-
PANEL				
3	ES11 - Triple Comparator Front Panel A	1		-
KITS				
4	ES11 - Triple Comparator PCB Set V0.6	1		-
5	ES11 - Triple Comparator [4mm] Hardware Kit V0.6	1		-
6	ES11 - Triple Comparator Component Kit V0.6	1		-

Bill of Materials for ES11 - Triple Comparator Component Kit V0.6 - Column1

Item	Description	Qty	Designator	Package
CONNECTOR				
1	IDC16 RA Box Header	1	J6	2.54MM
HARDWARE				
2	9mm Earth Tag	1	PANEL_GND	-
POTENTIOMETER				
3	100KB LIN - 18T Spline	3	J101A, J101B, J101C	ALPHA 16MM

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	IDC16 RA Box Header	1	J5	2.54MM

Bill of Materials for ES11 - Triple Comparator Component Kit V0.6 - Main

Item	Description	Qty	Designator	Package
CAPACITOR				
1	220pF 5% Ceramic	3	C101, C201, C301	RAD-0.2N
2	100nF Ceramic Capacitor	1	C503	RAD-0.2N
3	10uF 35V Electrolytic	1	C501	RB-D5.0-P2.0
CONNECTOR				
4	IDC16 Receptacle	4	J101, J502, J503, J504	-
5	IDC16 Box Header	1	J104	2.54MM
6	14-pin IC Socket 0.3inch	1	U101	DIP-14
LINEAR				
7	LM3900 - Quad Norton Amplifier	1	U101	DIP-14
INDUCTOR				
8	Ferrite Bead - 0.45uH 7A	1	L501	-
RESISTOR				
9	1K3 1% 0.5W Metal Film	4	R109, R209, R309, R404	AXIAL-0.4
10	4K7 1% 0.5W Metal Film	3	R110, R210, R310	AXIAL-0.4
11	10K 1% 0.5W Metal Film	1	R401	AXIAL-0.4
12	33K 1% 0.5W Metal Film	6	R102, R106, R202, R206, R302, R306	AXIAL-0.4
13	220K 1% 0.5W Metal Film	3	R104, R204, R304	AXIAL-0.4
14	470K 1% 0.5W Metal Film	3	R107, R207, R307	AXIAL-0.4
15	820K 1% 0.5W Metal Film	1	R402	AXIAL-0.4
16	1M0 1% 0.5W Metal Film	7	R103, R105, R203, R205, R303, R305, R403	AXIAL-0.4
17	3M3 1% 0.5W Metal Film	3	R101, R201, R301	AXIAL-0.4
18	22M 5% 0.25W Metal Glazed	3	R108, R208, R308	AXIAL-0.4
TRIMPOT				
19	100K 25TV Cermet	1	P101	3296W
UNITS				
20	Panther - IDC16 - 24cm	1	J104	-

Bill of Materials for ES11 - Triple Comparator [4mm] Hardware Kit V0.6 - Column2

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	4mm PCB Socket c/w Nut - Blue	7	J102, J103, J202, J203, J302, J303, J401	-

Bill of Materials for ES11 - Triple Comparator [4mm] Hardware Kit V0.6 - Column3

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	4mm PCB Socket c/w Nut - Red	4	J103, J203, J303, J402	-

Bill of Materials for ES11 - Triple Comparator PCB Set V0.6

Item	Description	Qty	Designator	Package
	PCB			
1	ES11 - Triple Comparator and Schmitt Trigger PCB V0.6	1	MAIN	-
2	Panther Pot PCB V1.4	1	COLUMN1	-
3	Panther Jack/Switch PCB V3.1	2	COLUMN2, COLUMN3	-
4	Panther Jack/LED Support PCB V5.3	1	COLUMN4	-
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