

ES19 - Negative Slew Component Kit

Item	Description	Qty	Designator	Package
CAPACITOR				
1	120pF 5% Ceramic	1	C102	RAD-0.2N
2	100nF Ceramic	1	C303	RAD-0.2N
3	330nF 63V Polyester	1	C101	RAD-0.2
4	10uF 35V Electrolytic	3	C301, C302, C305	RB-D5.0-P2.0
CONNECTOR				
5	IDC16 Box Header	1	J301	2.54MM
6	14-pin IC Socket 0.3inch	2	U101, U102	DIP-14
7	1x4 Pin 20mm Header	2	J102, J201	-
DIODE				
8	6V8 5% 500mW	1	R302	DIODE-0.3
			NB: Points left	
HARDWARE				
9	SLEEVING - 2.4mm Heatshrink [@ 1cm]	1	D101*2	-
10	Equipment Wire 7/0.2 Black [@ 1cm]	4	D101^4	-
11	Equipment Wire 7/0.2 Red [@ 1cm]	4	D101^4	-
LINEAR				
12	LM3900 - Quad Norton Amplifier	1	U101	DIP-14
INDUCTOR				
13	Ferrite Bead - 0.45uH 7A	2	L301, L302	AXIAL-0.3
OPTO-ELECTRONIC				
14	3mm HE-Yellow LED	1	D101	-
POTENTIOMETER				
15	20KB LIN - 18T Spline	1	P202	ALPHA 16MM
16	100KB LIN - 18T Spline	1	P201	ALPHA 16MM

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Item	Description	Qty	Designator	Package
	RESISTOR			
17	33R 1% 0.5W Metal Film	1	R106	AXIAL-0.4
18	220R 1% 0.5W Metal Film	3	R110, R115, R118	AXIAL-0.4
19	1K0 1% 0.5W Metal Film	2	R301, R303	AXIAL-0.4
20	4K7 1% 0.5W Metal Film	2	R113, R205	AXIAL-0.4
21	6K8 1% 0.5W Metal Film	2	R102, R114	AXIAL-0.4
22	10K 1% 0.5W Metal Film	3	R104, R111, R112	AXIAL-0.4
23	18K 1% 0.5W Metal Film	1	R103	AXIAL-0.4
24	18K7 1% 0.5W Metal Film	1	R204	AXIAL-0.4
25	22K 1% 0.5W Metal Film	2	R202, R206	AXIAL-0.4
26	100K 1% 0.5W Metal Film	1	R101	AXIAL-0.4
27	220K 1% 0.5W Metal Film	3	R105, R203, R207	AXIAL-0.4
28	330K 1% 0.5W Metal Film	1	R107	AXIAL-0.4
29	470K 1% 0.5W Metal Film	4	R108, R109, R201, R208	AXIAL-0.4
30	820K 1% 0.5W Metal Film	1	R116	AXIAL-0.4
31	1M0 1% 0.5W Metal Film	1	R117	AXIAL-0.4
	TRANSISTOR			
32	CA3046 5 NPN Transistors	1	U102	DIP-14
33	BC547B NPN Transistor	2	Q101, Q301	TO-92
	TRIMPOT			
34	100K 20TV Cermet	1	P203	T93YA
	UNITS			
35	Panther - IDC16 - 24cm	1	J301	-

ES19 - Negative Slew Hardware Kit

Item	Description	Qty	Designator	Package
CONNECTOR				
1	3.5mm Mono PCB Socket - Yellow	1	J103	-
2	3.5mm Mono PCB Socket - Green	1	J102	-
3	3.5mm Mono PCB Socket - Blue	2	J101, J201	-
HARDWARE				
4	KNOB - EuroSynth	2	P201, P202	18T SPLINE
OPTO-ELECTRONIC				
5	3mm Clear Lens Mount	1	D101	-

ES19 - Negative Slew PCB/Panel Set

Item	Description	Qty	Designator	Package
	PANEL			
1	ES19 - Negative Slew Front Panel A	1		-
	PCB			
2	ES19 - Negative Slew PCB V0.1	1		-
3	Panther Carrier PCB - JACK-SPDT V1.3	2	J102, J201	-
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