ES27 - Transient Generator Full Kit

Item	Description	Qty	Designator	Package
	HARDWARE			
1	M3 x 6mm Bolt PH	2		-
			NB: Doepfer Compatible Rails	
2	M3 x 10mm Bolt PH	2		-
			NB: EuroSynth	
	KITS			
3	ES27 - Transient Generator PCB/Panel Set P0.0	1		-
4	ES27 - Transient Generator Hardware Kit P0.0	1		-
5	ES27 - Transient Generator Component Kit V0.2	1		-

ES27 - Transient Generator Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	47pF 5% Ceramic	2	C102, C103	RAD-0.2N
2	1nF 63V Polyester	1	C101	RAD-0.2
3	22nF 63V Polyester	1	C104	RAD-0.2
4	100nF Ceramic	5	C1, C2, C303, C304, C305	RAD-0.2N
5	10uF 35V Electrolytic	2	C301, C302	RB-D5.0-P2.0
	CONNECTOR			
6	1x4 Pin 16mm Header	2	J201, J202	-
7	Jumper Shunt	2	JP1, JP2	2.54MM
			NB: For EuroSerge use JP1_+ & JP2_0	
8	IDC10 Box Header	1	J301	2.54MM
9	1x3 Pin 9mm Header	2	JP1, JP2	2.54MM
10	8-pin IC Socket 0.3inch	2	U1, U102	DIP-8
11	14-pin IC Socket 0.3inch	2	Q102, U101	DIP-14
	DIODE			
12	1N4148	4	D101, D102, D103, D202	DIODE-0.3
13	5.1V 5% 500mW	1	D201	DIODE-0.3
	HARDWARE			
14	SLEEVING - 2.4mm Heatshrink [@ 1cm]	1	D203	-
15	Equipment Wire 7/0.2 Black [@ 1cm]	3	D203^3	-
16	Equipment Wire 7/0.2 Red [@ 1cm]	3	D203^3	-
	LINEAR			
17	LF353 - Dual JFET Opamp	1	U102	DIP-8
18	LM3900 - Quad Norton Amplifier	1	U101	DIP-14
19	TL071 JFET Opamp	1	U1	DIP-8
	INDUCTOR			
20	Ferrite Bead - 0.45uH 7A	2	L301, L302	AXIAL-0.3

ES27 - Transient Generator Component Kit

Item	Description	Qty	Designator	Package
	OPTO-ELECTRONIC			
21	3mm HE-Green LED	1	D203	-
	POTENTIOMETER			
22	50KB LIN - 18T Spline	3	P1, P2, P3	ALPHA 16MM
	RESISTOR			
23	100R 1% 0.5W Metal Film	1	R118	AXIAL-0.4
24	1K0 1% 0.5W Metal Film	2	R205, R209	AXIAL-0.4
25	1K5 1% 0.5W Metal Film	1	R117	AXIAL-0.4
26	2K2 1% 0.5W Metal Film	3	R114, R115, R204	AXIAL-0.4
27	8K2 1% 0.5W Metal Film	1	R113	AXIAL-0.4
28	33K 1% 0.5W Metal Film	1	R103	AXIAL-0.4
29	68K 1% 0.5W Metal Film	3	R1, R10, R111	AXIAL-0.4
30	82K 1% 0.5W Metal Film	2	R8, R9	AXIAL-0.4
31	100K 1% 0.5W Metal Film	3	R101, R107, R108	AXIAL-0.4
32	150K 1% 0.5W Metal Film	2	R102, R208	AXIAL-0.4
33	220K 1% 0.5W Metal Film	4	R106, R110, R112, R119	AXIAL-0.4
34	330K 1% 0.5W Metal Film	1	R201	AXIAL-0.4
35	470K 1% 0.5W Metal Film	1	R4	AXIAL-0.4
36	820K 1% 0.5W Metal Film	3	R3, R104, R105	AXIAL-0.4
37	1M0 1% 0.5W Metal Film	4	R2, R5, R206, R207	AXIAL-0.4
38	10M 1% 0.5W Metal Film	2	R109, R202	AXIAL-0.4
	TRANSISTOR			
39	2N3904 NPN Transistor	1	Q201	TO-92
40	2N3906 PNP Transistor	1	Q101	TO-92
41	THAT 340 - Dual NPN - Dual PNP Array	1	Q102	DIP-14
	TRIMPOT			
42	100K 20TV Cermet	1	P101	T93YA

ES27 - Transient Generator Component Kit

Item	Description	Qty	Designator	Package
	UNITS			
43	Panther - IDC16-10 - 24cm	1	J301	-

ES27 - Transient Generator Hardware Kit

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	3.5mm Mono PCB Socket - Blue	1	J1	-
2	3.5mm Mono PCB Socket - Yellow	1	J201	-
3	3.5mm Mono PCB Socket - Red	1	J101	-
4	3.5mm Mono PCB Socket - Green	1	J202	-
5	3.5mm Mono PCB Socket - Black	1	J102	-
	HARDWARE			
6	KNOB - EuroSynth	3		18T SPLINE
	OPTO-ELECTRONIC			
7	3mm Clear Lens Mount	1		-

ES27 - Transient Generator PCB/Panel Set

Item	Description	Qty	Designator	Package
	PANEL			
1	ES27 - Transient Generator Front Panel V0.0	1		-
	PCB			
2	ES27 - Transient Generator PCB V0.2	1		-
3	Panther Carrier PCB - JACK-SPDT V1.3	2		-
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