CGS738 - Mangler [4mm] Full Kit

Item	Description	Qty	Designator	Package
	HARDWARE			
1	M3 x 10mm Bolt PH	2	NB: EuroSynth	-
2	M3 x 6mm Bolt PH	2	NB: Doefper Compatible Rails	-
	KITS			
3	CGS738 - Mangler PCB/Panel Set V1.0	1		-
4	CGS738 - Mangler Hardware Kit V0.0	1		-
5	CGS738 - Mangler Component Kit V1.0	1		-

CGS738 - Mangler Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	100nF Ceramic	6	C203, C204, C205, C206, C207, C208	RAD-0.2N
2	10uF 35V Electrolytic	2	C201, C202	RB-D5.0-P2.0
	CONNECTOR			
3	IDC16 Box Header	1	J201	2.54MM
4	14-pin IC Socket 0.3inch	2	U101, U102	DIP-14
5	1x4 Pin 16mm Header	2	J102, J104	-
6	8-pin IC Socket 0.3inch	1	U103	DIP-8
	HARDWARE			
7	Equipment Wire 7/0.2 Black [@ 1cm]	6	D101^6	-
8	Equipment Wire 7/0.2 Red [@ 1cm]	6	D101^6	-
	LINEAR			
9	TL074 Quad JFET Opamp	2	U101, U102	DIP-14
10	TL071 JFET Opamp	1	U103	DIP-8
	INDUCTOR			
11	Ferrite Bead - 5A	2	L201, L202	AXIAL-0.3
	OPTO-ELECTRONIC			
12	3mm HE-Red LED	1	D101	-
	POTENTIOMETER			
13	100KB LIN - 18T Spline	2	P101, P102	ALPHA 16MM
	RESISTOR			
14	1K0 1% 0.5W Metal Film	3	R110, R114, R126	AXIAL-0.4
15	10K 1% 0.5W Metal Film	2	R101, R102	AXIAL-0.4
16	18K 1% 0.5W Metal Film	2	R105, R106	AXIAL-0.4
17	47K 1% 0.5W Metal Film	2	R108, R121	AXIAL-0.4

CGS738 - Mangler Component Kit

Item	Description	Qty	Designator	Package
	RESISTOR - continued			
18	73K2 1% 0.5W Metal Film	1	R201	AXIAL-0.4
19	82K 1% 0.5W Metal Film	2	R103, R104	AXIAL-0.4
20	100K 1% 0.5W Metal Film	8	R109, R113, R115, R117, R118, R119, R122, R125	AXIAL-0.4
21	102K 1% 0.5W Metal Film	1	R202	AXIAL-0.4
22	200K 1% 0.5W Metal Film	2	R107, R120	AXIAL-0.4
23	360K 1% 0.5W Metal Film	2	R111, R123	AXIAL-0.4
24	430K 1% 0.5W Metal Film	1	R116	AXIAL-0.4
25	470K 1% 0.5W Metal Film	2	R112, R124	AXIAL-0.4
	SWITCH			
26	SPDT PCB RA [ON-OFF-ON]	1		7103
	TRANSISTOR			
27	BC547B NPN Transistor	1	Q101	TO-92
	TRIMPOT			
28	100K MTV Cermet	1	P105	T93YA
29	200K MTV Cermet	2	P103, P104	T93YA
	UNITS			
30	Panther - IDC16 - 24cm	1	J201	-

Main Assembly [CGS738 - Mangler Hardware Kit]

Item	Description	Qty	Designator	Package
	OPTO-ELECTRONIC			
1	3mm Clear Lens Mount	1	D101	-

CGS738 - Mangler PCB/Panel Set

Item	Description	Qty	Designator	Package
	PANEL			
1	CGS738 - Mangler Front Panel V1	1		-
	PCB			
2	CGS738 - Wave Multiplier PCB V0.0	1	PCB1	-
3	Panther Carrier PCB - JACK-SPDT V1.3	2	J102, J104	-

CGS738 - Mangler PCB/Panel Set

Item	Description	Qty	Designator	Package
	PANEL			
1	CGS738 - Mangler Front Panel V1	1		-
	PCB			
2	CGS738 - Wave Multiplier PCB V0.0	1	PCB1	-
3	Panther Carrier PCB - JACK-SPDT V1.3	2	J102, J104	-
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