ES12 - Triple Bi-Directional Router Full Kit

Item	Description	Qty	Designator	Package
	HARDWARE			
1	M3 x 6mm Bolt PH	2	NB: Doefper Compatible Rails	-
2	M3 x 10mm Bolt PH	2	NB: EuroSynth	-
	KITS			
3	ES12 - Triple BiDirectional Router PCB/Panel Set V0.1	1		-
4	ES12 - Triple Bi-Directional Router Hardware Kit V0.1	1		-
5	ES12 - Triple Bi-Directional Router Component Kit V0.1	1		-

ES12 - Triple Bi-Directional Router Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	10nF 5% Ceramic	3	C403, C404, C407	RAD-0.2N
2	100nF Ceramic	1	C405	RAD-0.2N
3	10uF 35V Electrolytic	3	C401, C402, C406	RB-D5.0-P2.0
	CONNECTOR			
4	1x4 Pin 20mm Header	6	J101, J104, J201, J204, J301, J304	-
5	IDC16 Box Header	1	J401	2.54MM
6	16-pin IC Socket 0.3inch	1	U101	DIP-16
	INDUCTOR			
7	Ferrite Bead - 5A	2	L401, L402	AXIAL-0.3
	LOGIC			
8	CD4053 - Triple 2-channel Multiplexer	1	U101	DIP-16
	RESISTOR			
9	1K0 1% 0.5W Metal Film	2	R401, R403	AXIAL-0.4
10	8K2 1% 0.5W Metal Film	1	R402	AXIAL-0.4
11	15K 1% 0.5W Metal Film	3	R102, R202, R302	AXIAL-0.4
12	47K 1% 0.5W Metal Film	3	R101, R201, R301	AXIAL-0.4
13	330K 1% 0.5W Metal Film	3	R103, R203, R303	AXIAL-0.4
	TRANSISTOR			
14	2N3904 NPN Transistor	3	Q101, Q201, Q301	TO-92
	UNITS			
15	Panther - IDC16 - 24cm	1	J401	-

ES12 - Triple Bi-Directional Router Hardware Kit

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	3.5mm Mono PCB Socket - Red	3	J102, J202, J302	-
2	3.5mm Mono PCB Socket - White	6	J103, J104, J203, J204, J303, J304	-
3	3.5mm Mono PCB Socket - Black	3	J101, J201, J301	-

ES12 - Triple BiDirectional Router PCB/Panel Set

Item	Description	Qty	Designator	Package
	PANEL			
1	ES12 - Triple Bi-Directional Router Front Panel A	1		-
	PCB			
2	ES12 - Triple Bi-Directional Router PCB V0.1	1		-
3	Panther Carrier PCB - JACK-SPDT V1.3	6		-

ES12 - Triple BiDirectional Router PCB/Panel Set

Item	Description	Qty	Designator	Package
	PANEL			
1	ES12 - Triple Bi-Directional Router Front Panel A	1		-
	PCB			
2	ES12 - Triple Bi-Directional Router PCB V0.1	1		-
3	Panther Carrier PCB - JACK-SPDT V1.3	6		-
	End of document			