Bill of Materials for IF112 - Double Dekka Full Kit [SO1]

Item	Description	Qty	Designator	Package
	HARDWARE			
1	M3 x 10mm Bolt PH Polycarbonate	4		-
2	M2 x 12mm Bolt PH	2		-
3	M2 x 8mm Nylon Spacer	2		-
4	M3 x 6mm Bolt PH Polycarbonate	4		-
	PANEL			
5	IF112 - Double Deka Front Panel RevC	1		-
	KITS			
6	IF112 - Double Deka PCB Set	1		-
7	IF112 - Double Dekka Component Kit RevV0.7	1		-

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	IDC16 RA Box Header	1	J6	2.54MM
	HARDWARE			
2	KNOB - Panther Hi-contrast Blue	4	P1, P2, P3, P4	18T SPLINE
	POTENTIOMETER			
3	100KB LIN - 18T Spline	2	P1, P2	ALPHA 16MM
4	100KA LOG - 18T Spline	2	P3, P4	ALPHA 16MM

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	IDC20 RA Box Header	1	J1	-
	HARDWARE			
2	KNOB - Panther Hi-contrast Blue	2	S202, S203	18T SPLINE
3	Ferrule Terminal	6	S1A, S1C, S1W, S2A, S2C, S2W	-
	SWITCH			
4	1P6W - Right-angle PCB	2	S202, S203	-
5	SPDT PCB RA [ON-ON]	2	S101, S301	7101
6	DPDT PCB RA [ON-ON]	1	S401	7201

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	100nF Ceramic Capacitor	4	C403, C404, C405, C406	RAD-0.2N
2	220nF 63V Polyester	2	C201, C301	RAD-0.2
3	10uF 35V Electrolytic	2	C401, C402	RB-D5.0-P2.0
	CONNECTOR			
4	1x4 Pin RA Header	8	J102, J103, J104, J105, J106, J107, J201, J301	-
5	IDC20 Box Header	1	J101	2.54MM
6	3.5mm Mono PCB Socket c/w Nut - Red	1	J106	-
7	3.5mm Mono PCB Socket c/w Nut - White	3	J107, J201, J301	-
8	3.5mm Mono PCB Socket c/w Nut - Black	1	J101	-
9	3.5mm Mono PCB Socket c/w Nut - Blue	3	J102, J103, J104	-
10	8-pin IC Socket 0.3inch	1	U202	DIP-8
11	16-pin IC Socket 0.3inch	2	U201, U301	DIP-16
	DIODE			
12	1N4148	20	D201, D202, D203, D204, D205, D206, D207, D208, D209, D210, D301, D302,	DIODE-0.3
			D303, D304, D305, D306, D307, D308, D309, D310	
	LINEAR			
13	TL072 Dual JFET Opamp	1	U202	DIP-8
	LOGIC			
14	CD4017 - Decade Counter/Divider	2	U201, U301	DIP-16
	POTENTIOMETER			
15	10K LIN Slider 20mm with Green LED	20	P201, P202, P203, P204, P205, P206, P207, P208, P209, P210, P301, P302, P303,	-
			P304, P305, P306, P307, P308, P309, P310	
	RESISTOR			
16	680R 1% 0.5W Metal Film	4	R204, R205, R304, R305	AXIAL-0.4
17	1K0 1% 0.5W Metal Film	2	R203, R303	AXIAL-0.4
18	220K 1% 0.5W Metal Film	2	R201, R301	AXIAL-0.4

Item	Description	Qty	Designator	Package
	RESISTOR - continued			
19	470K 1% 0.5W Metal Film	2	R202, R302	AXIAL-0.4

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	180pF 5% Ceramic, Low K	1	C103	RAD-0.2N
2	330pF 5% Ceramic	2	C102, C203	RAD-0.2N
3	470pF 5% C0G	1	C104	RAD-0.2N
4	2.2nF 63V Polyester	1	C301	RAD-0.2
5	10nF 63V Polyester	2	C201, C302	RAD-0.2
6	100nF Ceramic Capacitor	9	C103, C105, C106, C403, C404, C405, C406, C407, C408	RAD-0.2N
7	100nF 63V Polyester	1	C101	RAD-0.2
8	10uF 35V Electrolytic	6	C107, C108, C401, C402, C409, C410	RB-D5.0-P2.0
	CONNECTOR			
9	IDC16 Receptacle	1	J101	-
10	IDC20 Box Header	1	J402	2.54MM
11	IDC20 Receptacle	1	J403	-
12	IDC16 Box Header	1	J401	2.54MM
13	8-pin IC Socket 0.3inch	5	Q101, U101, U102, U202, U301	DIP-8
14	14-pin IC Socket 0.3inch	3	U203, U302, U303	DIP-14
	DIODE			
15	1N4148	6	D101, D102, D301, D302, D303, D304	DIODE-0.3
	LINEAR			
16	LM331 - V/F Converter	1	U202	DIP-8
17	OPA2227 - Dual Low-Noise Hi-Precision	1	U101	DIP-8
18	LM336 - 5.0V Shunt Regulator	2	D103, D104	TO-92
19	TL072 Dual JFET Opamp	1	U301	DIP-8
20	OPA134	1	U102	DIP-8
	INDUCTOR			
21	Ferrite Bead - 0.45uH 7A	4	L401, L402, L403, L404	-
	LOGIC			
22	CD4030 - Quad EXOR	1	U303	DIP-14

Item	Description	Qty	Designator	Package
	LOGIC - continued			
23	CD4013 - Dual D-Type Flip-Flop	1	U302	DIP-14
24	CD4024 - 7-stage Binary Counter	1	U203	DIP-14
	RESISTOR			
25	TEMPCO - 2K 0.17W 5% 3300ppm	1	Q101	AXIAL-0.3
26	Wire Link	1	LK401	TO FIT
27	330R 1% 0.5W Metal Film	1	R111	AXIAL-0.4
28	1K0 1% 0.5W Metal Film	1	R208	AXIAL-0.4
29	2K2 1% 0.5W Metal Film	2	R112, R213	AXIAL-0.4
30	4K7 1% 0.5W Metal Film	2	R401, R402	AXIAL-0.4
31	5K6 1% 0.5W Metal Film	1	R211	AXIAL-0.4
32	6K8 1% 0.5W Metal Film	1	R212	AXIAL-0.4
33	10K 1% 0.5W Metal Film	8	R110, R201, R202, R204, R207, R301, R305, R306	AXIAL-0.4
34	12K 1% 0.5W Metal Film	2	R304, R309	AXIAL-0.4
35	15K 1% 0.5W Metal Film	1	R210	AXIAL-0.4
36	22K 1% 0.5W Metal Film	1	R209	AXIAL-0.4
37	33K 1% 0.5W Metal Film	1	R206	AXIAL-0.4
38	68K 1% 0.5W Metal Film	1	R103	AXIAL-0.4
39	100K 1% 0.5W Metal Film	3	R101, R105, R106	AXIAL-0.4
40	150K 1% 0.5W Metal Film	1	R107	AXIAL-0.4
41	220K 1% 0.5W Metal Film	2	R102, R109	AXIAL-0.4
42	820K 1% 0.5W Metal Film	2	R302, R307	AXIAL-0.4
43	1M0 1% 0.5W Metal Film	2	R303, R308	AXIAL-0.4
44	1M2 1% 0.5W Metal Film	1	R104	AXIAL-0.4
	TRANSISTOR			
45	2N3904 NPN Transistor	1	Q201	TO-92
46	LS312 - Dual Supermatched Transistors	1	Q101	DIP-8
47	PN2222A NPN Transistor	1	Q202	TO-92
	TRIMPOT			
48	100R 25T Cermet VTrim	1	P105	3296W

Item	Description	Qty	Designator	Package
	TRIMPOT - continued			
49	10K 25T Cermet VTrim	1	P104	3296W
	UNITS			
50	Panther - IDC16 - 24cm	1	J401	-
51	Panther - IDC20 - 08cm	1	J402	-

Item	Description	Qty	Designator	Package
	KITS			
1	Panther IDC16 Cable - 24cm	1		-

Bill of Materials for Panther IDC16 Cable - 24cm [SO1]

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	IDC16 Socket	2		2.54MM
	HARDWARE			
2	IDC Ribbon Cable 16-way	24		1.27MM PITCH

Item	Description	Qty	Designator	Package
	KITS			
1	Panther IDC20-8cm	1		-

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	IDC20 Socket	2		-
	HARDWARE			
2	IDC Ribbon Cable 25-way	8		-

Item	Description	Qty	Designator	Package
	PCB			
1	IF112 - Double Dekka Column 2 PCB	1		-
2	IF112 - Double Deka Slider PCB	1		-
3	IF112 - Double Deka Main PCB RevV0.6	1		-
4	Panther Pot PCB RevV1.4	1		-
5	Panther Carrier PCB RevV1A	8		-
	End of document			