

Page 1

Bill of Materials for ED105 - Phaser [4mm] Full Kit V1.1

Column 1 [ED105 - Phaser Component Kit]

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	100nF Ceramic	4	C705, C706, C707, C708	RAD-0.2N
2	680nF 63V Polyester	1	C501	RAD-0.2X
	CONNECTOR			
3	14-pin IC Socket 0.3inch	1	Q601	DIP-14
4	8-pin IC Socket 0.3inch	2	U501, U502	DIP-8
5	1x4 Pin 16mm Header	2	J501, S601	-
6	IDC10 RA Box Header	1	J704	-
	LINEAR			
7	TL072 Dual JFET Opamp	1	U501	DIP-8
8	TL071 JFET Opamp	1	U502	DIP-8
	POTENTIOMETER			
9	50KB LIN - 18T Spline	2	P601, P702	ALPHA 16MM
10	500KA LOG - 18T Spline	1	P501	ALPHA 16MM
	RESISTOR			
11	68R 1% 0.5W Metal Film	1	R502	AXIAL-0.4
12	442R 1% 0.5W Metal Film	1	R604	AXIAL-0.4
13	1K5 1% 0.5W Metal Film	2	R603, R607	AXIAL-0.4
14	11K 1% 0.5W Metal Film	1	R602	AXIAL-0.4
15	22K 1% 0.5W Metal Film	1	R601	AXIAL-0.4
16	47K 1% 0.5W Metal Film	1	R606	AXIAL-0.4
17	68K 1% 0.5W Metal Film	1	R504	AXIAL-0.4
18	75K 1% 0.5W Metal Film	1	R507	AXIAL-0.4
19	100K 1% 0.5W Metal Film	1	R503	AXIAL-0.4
20	130K 1% 0.5W Metal Film	1	R505	AXIAL-0.4
21	220K 1% 0.5W Metal Film	1	R506	AXIAL-0.4
22	330K 1% 0.5W Metal Film	1	R501	AXIAL-0.4

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Column 2 [ED105 - Phaser Component Kit]

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	47pF 5% Ceramic	3	C703, C708, C709	RAD-0.2N
2	100nF Ceramic	4	C704, C705, C706, C707	RAD-0.2N
3	470nF 63V Polyester	2	C701, C702	RAD-0.2X
	CONNECTOR			
4	8-pin IC Socket 0.3inch	2	U701, U702	DIP-8
5	1x4 Pin 16mm Header	2	J702, J705	-
6	IDC10 RA Box Header	1	J701	-
	LINEAR			
7	TL072 Dual JFET Opamp	1	U701	DIP-8
8	TL071 JFET Opamp	1	U702	DIP-8
	POTENTIOMETER			
9	50KB LIN - 18T Spline	2	P702, P703	ALPHA 16MM
10	100KB LIN - 18T Spline	1	P701	ALPHA 16MM
	RESISTOR			
11	330R 1% 0.5W Metal Film	1	R711	AXIAL-0.4
12	680R 1% 0.5W Metal Film	1	R715	AXIAL-0.4
13	1K4 1% 0.5W Metal Film	1	R714	AXIAL-0.4
14	15K 1% 0.5W Metal Film	2	R704, R705	AXIAL-0.4
15	68K 1% 0.5W Metal Film	3	R706, R707, R708	AXIAL-0.4
16	100K 1% 0.5W Metal Film	4	R701, R702, R703, R709	AXIAL-0.4
17	150K 1% 0.5W Metal Film	1	R710	AXIAL-0.4
18	200K 1% 0.5W Metal Film	1	R713	AXIAL-0.4

Main [ED105 - Phaser Component Kit]

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	10pF 5% Ceramic	6	C203, C205, C302, C304, C402, C404	RAD-0.2N
2	10nF 63V Polyester	6	C202, C204, C301, C303, C401, C403	RAD-0.2
3	100nF Ceramic	2	C803, C804	RAD-0.2N
4	100nF 63V Polyester	3	C201, C306, C406	RAD-0.2
5	470nF 63V Polyester	1	C1	RAD-0.2X
6	10uF 35V Electrolytic	2	C801, C802	RB-D5.0-P2.0
	CONNECTOR			
7	IDC10 Box Header	1	J801	2.54MM
8	8-pin IC Socket 0.3inch	4	U2, U201, U301, U401	DIP-8
9	IDC10 Receptacle	2	J201, J802	2.54MM
	LINEAR			
10	TL072 Dual JFET Opamp	3	U201, U301, U401	DIP-8
11	TL071 JFET Opamp	1	U2	DIP-8
	INDUCTOR			
12	Ferrite Bead - 5A	2	L801, L802	AXIAL-0.3
	OPTO-ELECTRONIC			
13	Vactrol VTL5C3/2	3	LDR201, LDR301, LDR401	-
	RESISTOR			
14	220R 1% 0.5W Metal Film	1	R801	AXIAL-0.4
15	330R 1% 0.5W Metal Film	3	R207, R307, R407	AXIAL-0.4
16	15K 1% 0.5W Metal Film	1	R1	AXIAL-0.4
17	100K 1% 0.5W Metal Film	18	R201, R202, R203, R204, R205, R206, R301, R302, R303, R304, R305, R306,	AXIAL-0.4
			R401, R402, R403, R404, R405, R406	
	UNITS			
18	Panther - IDC16-10 - 24cm	1	J401	-

Page 6

Page 7

Page 8