

DUAL OSCILLATOR MODEL 258 - v1.0 (PCB1)

CAPACITORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
15uFx35V	C3	2	TANTALUM SMD CASE D	74-TR3D156K035C0150

RESISTORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
402K	R53	2	1% 1/4W	271-402K-RC
680K	R54	2	1% 1/4W	271-680K-RC
820K	R55	2	1% 1/4W	271-820K-RC
680R	R56	2	1% 1/4W	271-680-RC
10K	R57, R58 (the one near R57)	4	1% 1/4W	271-10K-RC
150K	R58 (the one near R53)	2	1% 1/4W	271-150K-RC
4M7	R59	2	5% 1/4W	291-4.7M-RC
105K	R60	2	1% 1/4W	271-105K-RC
91K	R61, R64	4	1% 1/4W	271-91K-RC
169K	R63, R65	4	1% 1/4W	271-169K-RC
10M	R62	2	5% 1/4W	291-10M-RC
20K	TR6	2	SINGLE TURN ANGLED	652-3362X-1-203LF
B10K-100K	POT1, POT3, POT5, POT7	8	16MM ANGLED	http://www.smallbearelec.com/servlet/Detail?no=692
B10K-100K	POT2, POT4	4	9MM VERTICAL	652-PTV09A-4030UB203
A50K	POT6	2	16MM ANGLED	http://www.smallbearelec.com/servlet/Detail?no=692

MISC

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
	B1, B1, B2, B2, B3, B3	6	BANANA JACK BLACK	530-108-0903-1
	J1, J1, J2, J2, J3, J3, J4, J4	8	TINIJAX	502-41
DPDT ON-ON	SW1	2	DIP SLIDE SWITCH	611-JS202011CQN
	PLD1	1	PLD 14 PIN MALE	517-929836-01-07-RK

DUAL OSCILLATOR MODEL 258 - v1.0 (PCB2)

SEMICONDUCTORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
1N457	D1, D2	4		512-1N457
LM741	IC1, IC2, IC4, IC5	8		926-LM741CN/NOPB
uA726	IC3	2		EBAY
2N4248	Q1, Q9	4	REPLACEMENT: 2N3906	EBAY
2N3565	Q2, Q3, Q6, Q7, Q8, Q12	12	REPLACEMENT: PN3565	http://www.smallbearelec.com/servlet/Detail?no=282
LS352	Q4	2	TO-71 CASE	MICROSS.COM
2N4339	Q5, Q10	4	REPLACEMENT: J201	EBAY
2N4341	Q11	2	REPLACEMENT: J201	EBAY
1N5233	Z1	2		78-1N5233B
	L1, L2	2	FERRITE BEAD	667-EXC-ELSA35V

CAPACITORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
47nF	C1	2	FILM 5MM LS	667-ECQ-V1H473JL
4.7nF	C2	2	STYRENE	23PS247
220pF	C3	2	CERAMIC 5MM LS	140-50S5-221J-RC
15uFx35V	C4, C5	2	TANTALUM SMD CASE D	74-TR3D156K035C0150
0.1uF	F1, F2	2	CERAMIC 5MM LS	581-SA105E104M

RESISTORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
100K	R1, R3	4	1% 1/4W	271-100K-RC
10K	R2, R11, R20, R46	8	1% 1/4W	271-10K-RC
1K	R4	2	1% 1/4W	271-1K-RC
3K3	R5, R37	4	1% 1/4W	271-3.3K-RC
60K4	R6	2	1% 1/4W	271-60.4K-RC
56K	R7	2	1% 1/4W	271-56K-RC
2K49	R8, R9, R18	6	1% 1/4W	271-2.49K-RC
68K	R10	2	1% 1/4W	271-68K-RC
6K81	R12	2	1% 1/4W	271-6.81K-RC
470K	R13	2	1% 1/4W	271-470K-RC
33K	R14, R22, R24, R29	8	1% 1/4W	271-33K-RC
4K99	R15, R21	4	1% 1/4W	271-4.99K-RC
68K	R16, R42	4	1% 1/4W	271-68K-RC
270K	R17	2	1% 1/4W	271-270K-RC
330K	R19, R38, R41	6	1% 1/4W	271-330K-RC
15K	R23, R26, R27, R32	8	1% 1/4W	271-15K-RC
6K8	R25, R30, R31, R36	8	1% 1/4W	271-6.8K-RC
150R	R28	2	1% 1/4W	271-150-RC
150K	R33-1	1	1% 1/4W	271-150K-RC
330K	R34-2	1	1% 1/4W	271-330K-RC
680R	R35, R43, R44	6	1% 1/4W	271-680-RC
82K	R39	2	1% 1/4W	271-82K-RC
470R	R40-1	1	1% 1/4W	271-470-RC
2K2	R40-2	1	1% 1/4W	271-2.2K-RC
820K	R45-1	1	1% 1/4W	271-820K-RC
680K	R47-2	1	1% 1/4W	271-680K-RC
200K	R48	2	1% 1/4W	271-200K-RC
1M	TR1, TR4	4	SINGLE TURN	858-25PR1MLF
100K	TR2	2	SINGLE TURN	858-25PR100KLF
20K	TR3	2	SINGLE TURN	3362P-1-203LF
500K	TR5	2	SINGLE TURN	858-25PR500KLF

MISC

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
	PBD1	1	PBD 14 PIN FEMALE	517-929975-01-07-RK
		1	POWER CONNECTOR	587-306-50-010