

STORED PROGRAM SOUND SOURCE MODEL 208 REV2.1**BILL OF MATERIALS REV 1.1****CARD 10 - PREAMP / LPG 1****SEMICONDUCTORS**

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
1N457	D1, D2, D3	3		512-1N457
1N5228	D4	1		512-1N5228B
RC4136	IC1, IC2	2	DIP14	595-RC4136N
CD4066	IC3	1	DIP14	595-CD4066BE
2N1711	Q1	1		610-2N1711
2N4340	Q2	1		EBAY

CAPACITORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
47000pF	C1	1	CERAMIC	581-SA105C473KAR
4.7uF	C2	1	TANTALUM AXIAL	74-173D475X9035WWE3
1uF	C3, C8, C9	3	TANTALUM AXIAL	74-173D105X9035VE3
100nF	C4	1	FILM	667-ECQ-E2104KB
220pF	C5	1	CERAMIC	581-SA101A221JAR
1000pF	C6, C12	2	CERAMIC	581-SA105A102JAR
4.7nF	C7	1	FILM	598-185472J100RAA-F
100pF	C10	1	CERAMIC	581-SA102A101J
47pF	C11	1	CERAMIC	581-SA102A470JAR
10000pF	C13, C14	2	CERAMIC	581-SA105C103K

RESISTORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
68K	R1	1	1/4W 5%	291-68K-RC
2M2	R2, R5, R24, R31, R33, R34	6	1/4W 5%	291-2.2M-RC
6K8	R3, R48, R49	3	1/4W 5%	291-6.8K-RC
3K3	R4, R41	2	1/4W 5%	291-3.3K-RC
62K	R6	1	1/4W 5%	291-62K-RC
470R	R7, R8, R12	3	1/4W 5%	291-470-RC
33K	R9, R11, R19, R20	4	1/4W 5%	291-33K-RC
10K	R10, R17, R18, R46, R47	5	1/4W 5%	291-10K-RC
100K	R13	1	1/4W 5%	291-100K-RC
470K	R14, R15, R16	3	1/4W 5%	291-470K-RC
18K	R21	1	1/4W 5%	291-18K-RC
300K	R22	1	1/4W 5%	291-300K-RC
10K 1%	R23, R25, R30, R38	4	1/4W 1%	271-10K-RC
200K	R27	1	1/4W 5%	291-200K-RC
820K	R29	1	1/4W 5%	291-820K-RC
1K	R32, R37	2	1/4W 5%	291-1K-RC
15K	R35, R36, R44	3	1/4W 5%	291-15K-RC
10M	R39	1	1/4W 5%	291-10M-RC
330R	R40	1	1/4W 5%	291-330-RC
1K 1%	R42	1	1/4W 1%	271-1K-RC
100R	R43	1	1/4W 5%	291-100-RC
220R	R45	1	1/4W 5%	291-220-RC

MISC

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
	MOLEX1	3	6 PIN ANGLED FEMALE	538-09-52-1066
VTL5C3	VT1, VT2	2	SINGLE VACTROL	http://smallbear-electronics.mybigcommerce.com/photocoupler-xvive-vtl5c3-work-alike/