

STORED PROGRAM SOUND SOURCE MODEL 208 REV2.1

BILL OF MATERIALS REV 1.1

CARD 5 - MODULATOR

SEMICONDUCTORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
1N457	D1, D2	2		512-1N457
1N5236	D3, D4	2		512-1N5236B
RC4136	IC1, IC4, IC5	3	DIP14	595-RC4136N
CD4066	IC2, IC3	2	DIP14	595-CD4066BE

CAPACITORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
4.7uF	C1	1	TANTALUM AXIAL	74-173D475X9035WWE3
10000pF	C2, C4	2	CERAMIC	581-SA105C103K
1uF	C3	1	TANTALUM AXIAL	74-173D105X9035VE3
47pF	C5	1	CERAMIC	581-SA102A470JAR

RESISTORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
10K 1%	R1	1	1/4W 1%	271-10K-RC
1K	R2, R40	2	1/4W 5%	291-1K-RC
3K3	R3, R21, R32, R37	4	1/4W 5%	291-3.3K-RC
6K8	R4, R17	2	1/4W 5%	291-6.8K-RC
330K	R5	1	1/4W 5%	291-330K-RC
100K	R6	1	1/4W 5%	291-100K-RC
47K	R7, R26	2	1/4W 5%	291-47K-RC
220K	R8, R12	2	1/4W 5%	291-220K-RC
150K	R9, R11	2	1/4W 5%	291-150K-RC
4K7	R13, R31	2	1/4W 5% ²	291-4.7K-RC
68K	R14, R25, R27, R28, R36, R38	6	1/4W 5%	291-68K-RC
12K	R16	1	1/4W 5%	291-12K-RC
1K5	R19, R22	2	1/4W 5%	291-1.5K-RC
33K	R20, R29, R33, R35	4	1/4W 5%	291-33K-RC
15K	R30	1	1/4W 5%	291-15K-RC
130K	R39	1	1/4W 5%	291-130K-RC
10K	R42, R43, R44	3	1/4W 5%	291-10K-RC
22K	R23, R45	2	1/4W 5%	291-22K-RC
20K	R18	1	SINGLE TURN TRIMMER ANGLED	652-3362X-1-203LF

MISC

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
	MOLEX1, MOLEX2	4	6 PIN ANGLED FEMALE	538-09-52-1066
VTL5C3	VT1, VT2, VT3, VT4, VT5, VT6, VT7	7	SINGLE VACTROL	http://smallbear-electronics.mybigcommerce.com/photocoupler-xvive-vtl5c3-work-alike/