

## Electro-Music Klee Analog Board [Bill of Materials]

### Fixed Resistors

<b>REF. DESIG.</b>	<b>QTY.</b>	<b>VALUE</b>	<b>COMMENTS</b>	<b>DIGIKEY PART NO.</b>
R1-R25	25	100K	0.1% TOL. 1/4W MATCHED 1% ACCEPTABLE	**
R26-R28	3	150K	1% TOL. 1/4W	150KXBK-ND
R29	1	68K	5% TOL. 1/4W	68KQBK-ND
R30-R32	3	10K	1% TOL. 1/4W	10.0KXBK-ND
R33	1	2.2K	1% TOL. 1/4W	P2.20KCACT-ND
R44, R45	2	4.7M	5% TOL. 1/4W	4.7MQBK-ND
R46-R48	3	22K	5% TOL. 1/4W	22KQBK-ND
R49-R57	9	100	5% TOL. 1/4W	100QBK-ND

\*\* Vishay *DALE* PN RN55C1003B 0.1% Precision 100K Resistor

### Capacitors

<b>REF. DESIG.</b>	<b>QTY.</b>	<b>VALUE</b>	<b>COMMENTS</b>	<b>DIGIKEY PART NO.</b>
C1-C8, C13-C18	14	100 nF	Metal Poly	495-1103-ND
C9	1	330 nF	Metal Poly	P4959-ND
C10-C12	3	4.7 uF	Electrolytic, 25V	493-1160-ND
C19, C20	2	10 uF	Electrolytic, 25V	493-1372-ND

## Semiconductors

REF. DESIG.	QTY.	VALUE	COMMENTS	DIGIKEY PART NO.
D1-D28	28	1N4148	DIODE, Si	1N4148FS-ND
D29	1	1N4001	DIODE, Si	1N4001GDICT-ND
D30	1	BAT85	DIODE, SCHTK	568-1617-1-ND
U1-U4	4	CD4066	QUAD ANALOG BI-LATERAL SWITCH	CD4066BCN-ND
U5	1	78L10	10V LINEAR VOLTAGE REG.	296-1996-ND
U6	1	TL072	DUAL OP-AMP	296-1775-5-ND
U7	1	CD4051	1 OF 8 ANALOG MUX.	296-2057-5-ND
U8-U10	3	TL074	QUAD OP-AMP	296-1777-5-ND

## Multi-Turn Trimmer Potentiometers

REF. DESIG.	QTY.	VALUE	COMMENTS	DIGIKEY PART NO.
R34-R41	8	10K	25 TURN, TOP ADJ.	490-2875-ND
R42-R43	2	100K	25 TRUN, TOP ADJ.	490-2896-ND

## Headers

REF. DESIG.	QTY.	VALUE	COMMENTS	DIGIKEY PART NO.
J1-J9	9		HEADER, 8POS	WM4206-ND
J10	1		HEADER, 4POS	WM4202-ND
J11,J15 J16	3		HEADER, 2POS	WM4200-ND

<b>J12,J13</b>	<b>2</b>	<b>HEADER, 6POS</b>	<b>WM4204-ND</b>