

zLINEIN_v.03a_BOM

Part	Qty	Value	Device	Package	DigiKey	Mouser
C1 - C4	4	470	Capacitor Ceramic	C050-024X044	445-173500-1-ND	810-FG28C0G1H471JNT6
C5 - C8, C11, C12	6	22p	Capacitor Ceramic	C050-024X044	45-173485-1-ND	810-FG28C0G1H220JNT6
C9, C10	2	470n	Capacitor Film	C075-032X103	BFC237112474-ND	594-2222-371-12474
C13, C14	2	47u NP	Capacitor Electrolytic Bipolar	E2,5-7	493-14976-ND	647-UEP1E470MED
C15, C16	2	10u	Capacitor Electrolytic	E2,5-5	493-15999-1-ND	647-USR1E100MDD1TP
C17 - C20	4	100n	Capacitor Ceramic	C050-024X044	445-173588-1-ND	810-FG28X7R1H104KNT6
C21, C22	2	100n	Capacitor Ceramic (optional)	C0805	311-1140-1-ND	603-CC805KRX7R9BB104
D1, D2	2	1n4004	Diode	DIODE	1N4004-TPMSCT-ND	833-1N4004-TP
IC1-IC3*	3	DIP-8	IC SOCKET		3M5461-ND	517-4808-3000-CP
IC1, IC3	2	NE5532AP	Dual Opamp	DIL08	296-7040-5-ND	595-NE5532AP
IC2	1	TL072ACP	Dual Opamp	DIL08	296-7190-5-ND	595-TL072ACP
J1, J2	2	IN_L, IN_R	6.3mm Stereo Jack with switch, long contact	NYS219		568-NYS219
J3, J4	2	WQP-PJ302M_JACK	WQP-PJ302M_JACK	WQP-PJ302M_JACK		
J5	1	POWER	PIN HEADER 2x5		3M9460-ND	517-9612106404AR
J6	1	INT_OUT	MTA04-100	10X04MTA	A1922-ND	571-6404564
JP1	2	Bypass Cap's	PINHD-2X2	2X02	3M156306-04-ND	517-929665-01-02-EU
R1-R4	4	1k	Resistor Metal Film 1% 1/4W	0204/7	1.00KXBK-ND	603-MFR-25F52-1K
R5-R12	8	22k	Resistor Metal Film 1% 1/4W	0204/7	22.1KXBK-ND	603-MFR-25F52-22K
R13, R14	2	10k	Resistor Metal Film 1% 1/4W	0204/7	10.0KXBK-ND	603-MFR-25F52-10K
R15	1	100k	16mm Potentiometer two level	3RP/1610G	PDB182-K220K-104B-ND	
R16, R17	2	470k	Resistor Metal Film 1% 1/4W	0204/7	475KXBK-ND	603-MFR-25F52-470K
R18, R19	2	220	Resistor Metal Film 1% 1/4W	0204/7	221KXBK-ND	603-MFR-25F52-220R
R20, R21, R26*, R27*	4	100k	Resistor Metal Film 1% 1/4W	0204/7	100KXBK-ND	603-MFR-25F52-100K
R22, R23	2	47	Resistor Metal Film 1% 1/4W	0204/7	47.5KXBK-ND	603-MFR-25F52-47R
R24, R25	2	1	Resistor Metal Film 1% 1/4W	0204/7	RNF14FTD1R00CT-ND	603-MFR-25F52-1R
Potentiometer Knob	1				1722-1047-ND	
Jumper	2		optional		S9001-ND	