

Comment	Description	Designator	LibRef	Quantity	Value
.0047uF	Capacitor	C1	Cap	1	.0047uF
.0047uF	Capacitor	C2	Cap	1	.0047uF
Cap Pol1	Polarized Capacitor (C	C3	Cap Pol1	1	33uF
Cap	Capacitor	C4	Cap	1	100pF
Cap	Capacitor	C5	Cap	1	100pF
.047uF	Capacitor	C6	Cap	1	.047uF
1N4148	High Conductance Fa	D1	Diode 1N4148	1	
TX ACT	Typical RED GaAs LE	DS1	LED1	1	
RX ACT	Typical RED GaAs LE	DS2	LED1	1	
Power	Typical RED GaAs LE	DS3	LED1	1	
PTT	Typical RED GaAs LE	DS4	LED1	1	
Computer - Line in	3-Conductor Jack	J1	Phonejack3	1	
Computer - Line Out	3-Conductor Jack	J2	Phonejack3	1	
CI-V	3-Conductor Jack	J3	Phonejack3	1	
43860-0001	Right Angle, Low Pro	J4	43860-0001	1	
USB_Cable_IN	Header, 6-Pin	JP1	Header 6	1	
DIP_16 Socket	Header, 8-Pin, Dual r	JP2	Header 8X2A	1	
Inductor	Inductor	L1	Inductor	1	1uH
Inductor	Inductor	L2	Inductor	1	1uH
2N3904	NPN General Purpos	Q1	2N3904	1	
2N3904	NPN General Purpos	Q2	2N3904	1	
Line In	Potentiometer	R1	RPot	1	1K
	Resistor	R2	Res1	1	1K
	Resistor	R3	Res1	1	1K
Line Out	Potentiometer	R4	RPot	1	1K
Res1	Resistor	R5	Res1	1	1.5K
Res1	Resistor	R6	Res1	1	10K
Res1	Resistor	R7	Res1	1	470
Res1	Resistor	R8	Res1	1	470
Res1	Resistor	R9	Res1	1	470
Res1	Resistor	R10	Res1	1	270
Res1	Resistor	R11	Res1	1	10K
Res1	Resistor	R12	Res1	1	10K
delay	Potentiometer	R13	RPot	1	100K
Res1	Resistor	R14	Res1	1	4.7M
Res1	Resistor	R15	Res1	1	330K
Res1	Resistor	R16	Res1	1	10K
Res1	Resistor	R17	Res1	1	10K
SW DIP-2	DIP Switch	S1	SW DIP-2	1	
SW DPDT	Switch	S2	SW DPDT	1	
Trans 600 :600	Transformer	T1	Trans	1	
Trans 600 :600	Transformer	T2	Trans	1	
MC14069UBCP	Hex Inverter	U1	MC14069UBCP	1	
CD4060BCN	14-Stage Ripple Carr	U2	CD4060BCN	1	
HSR412	Optoisolator	U3	Optoisolator1	1	
4N25S	Optoisolator	U4	Optoisolator1	1	
TTL-232R	Serial TTL USB			1	