

Quantity	RefDes	Value	Name	MFR PART#	MOUSER PART#
1	U1	CD40106	Schmitt trigger	CD40106BM96	595-CD40106BM96
1	U4	TL074D	Op amp	TL074IYDT	511-TL074IYDT
2	D18, D20	Schottky	SMA	B160-13-F	621-B160-F
2	D1, D6	1N4001	SOD-323	MMDL770T1G	863-MMDL770T1G
4	R1, R9, R10, R20	1k	Resistor 1% 1/4W	CRGP0603F1K0	279-CRGP0603F1K0
4	R3, R5, R12, R13	4.7k	0603 1/4w resistor 5%	CRGP0603F4K7	279-CRGP0603F4K7
2	R6, R11	10k	0603 1/4w resistor 5%	CRGP0603F10K	279-CRGP0603F10K
1	R7	100k	0603 1/4w resistor 5%	CRGP0603F100K	279-CRGP0603F100K
1	R8	200k	0603 1/4w resistor 5%	ERJ-PA3J204V	667-ERJ-PA3J204V
2	L1, L2	75ohm ferrite bead	IND_0805	BLM21BB750SN1D	81-BLM21B750S
6	C1, C4, C5, C8, C10, C15	100nf	Ceramic capacitor 50vDC 1% tolerance preferred	0603B104J250CT	791-0603B104J250CT
1	C2	1uf	0805 Ceramic 25v or higher	08053C105KAT4A	581-08053C105KAT4A
1	C6	10pf	0603 Ceramic 25v or higher	885012006051	710-885012006051
2	C3, C13	10u 25V	Aluminum electrolytic through hole 50v or higher	ECE-A1EKS100	667-ECE-A1EKS100
1	J1	2x5 Header male	Unshrouded 10 pin power header	10-89-7102	538-10-89-7102
1	LED	N/A	3mm LED	WP3A8ID	604-WP3A8ID
2	J2, J3	N/A	1/8" Audio Jack (Wenzhou QingPu)	PJ301M-12	N/A
2	R2, R4	100k	100k Linear potentiometer	RD901F-40-15R1-100K	N/A
2	N/A	N/A	Davies knobs	N/A	N/A
1	N/A	N/A	10 pin to 16 pin IDC ribbon cable (power)	N/A	N/A
1	N/A	N/A	Front Panel	N/A	N/A
1	N/A	N/A	PCB	N/A	N/A
<b>TOTAL pcs.</b>		<b>41</b>			