



CAPACITORS								
Ref.	Value	Tol.	Type	Rating	Lead Spacing	Manufacturer	Manufacturer Part #	Qty.
C1	100n	10%	Film	63V	5.0mm	Wima	MKS2C031001A00KSSD	1
C2	1u	10%	Film	63V	5.0mm	Wima	MKS2C041001F00KSSD	1
C3	10u	10%	Tant.	35V	2.54mm	Vishay	199D106X9035D1V1E3	1
C4	100n	10%	Cer.	50V	2.5mm	Murata	RPER71H104K2P1A03B	1
C5	100u	20%	Elec.	35V	3.5mm	Panasonic	EEU-FC1V101	1

RESISTORS								
Ref.	Value	Tol.	Type	Rating	Manufacturer	Manufacturer Part #	Qty.	
R1	1M	1%	Metal Film	0.25W	Xicon	271-1.0M-RC	1	
R2	10M	5%	Carbon Film	0.25W	Xicon	291-10M-RC	1	
R3	220K	1%	Metal Film	0.25W	Xicon	271-220K-RC	1	
R4	120K	1%	Metal Film	0.25W	Xicon	271-120K-RC	1	
R5	2.2M	1%	Metal Film	0.25W	Xicon	271-2.2M-RC	1	
R6	6.8K	1%	Metal Film	0.25W	Xicon	271-6.8K-RC	2	
R8	6.8K	1%	Metal Film	0.25W	Xicon	271-6.8K-RC		
R7	12K	1%	Metal Film	0.25W	Xicon	271-12K-RC	1	
R9	1.5K	1%	Metal Film	0.25W	Xicon	271-1.5K-RC	1	

DIODES							
Ref.	Type	Application	$V_{R(max)}$	$I_{F(max)}$	Manufacturer	Manufacturer Part #	Qty.
D1	1N4148	Small Signal Diode	100V	0.3A	Fairchild	1N4148	2
D2	1N4148	Small Signal Diode	100V	0.3A	Fairchild	1N4148	

TRANSISTORS							
Ref.	Type	Application	Comments	Mfr.	Mfr. Part #	Qty.	
Q1	2N3819 - N-CH	Low Noise JFET	Input JFET	Fairchild	2N3819	1	
Q2	BC550C - NPN	Low Noise Amp.	Current source	Fairchild	BC550C	2	
Q3	BC550C - NPN	Low Noise Amp.	Output transistor	Fairchild	BC550C		

MISCELLANEOUS				
Ref.	Description	Manufacturer	Manufacturer Part #	Qty.
J1	1/4" input jack	Neutrik	NMJ6HCD2	1
JMP1	3 Pin Header - Input Z	FCI	68001-103HLF	1
JUMPERS	Shunt for JMP1	3M	929953-30	1
PCB	ML12.DI2 v1.0 PC Board	Whistle Rock Audio	ML12.DI2-PCB	1

MOLEX CONNECTION KIT				
Ref.	Description	Manufacturer	Manufacturer Part #	Qty.
J2	5 conn friction-fit PCB (M) header	Molex	22-11-2052	1
HS-5PIN	5 conn wire terminal (F) housing	Molex	22-01-2057	1
Crimp Terminals	Gold contact crimp terminals	Molex	08-55-0102	5