

Phaser BM						
Part	Qty	Description	Source	Part No.	Each	Total
U1-U3	3	Op Amp, J-Fet, TL081, DIP-8	Mouser	595-TL081BCP	\$1.12	\$3.36
U4-U5	2	Audio Amp, LM380N-8, DIP-8	Digikey	LM380N-8-ND	\$1.60	\$3.20
U6	1	Voltage Regulator, 8V, 100mA, LM78L08	Mouser	511-L78L08ACZ	\$0.54	\$0.54
J1, J2	2	Phone Jack, stereo, 3.5mm	Mouser	806-STX-3100-3C	\$1.16	\$2.32
J3	1	DC Power Connector, 2.5mm	Mouser	163-MJ22-EX	\$2.47	\$2.47
C1	1	Capacitor, ceramic, 270pF, 50V	Mouser	140-50N5-271J-TB-RC	\$0.12	\$0.12
C2-C5	4	Capacitor, ceramic, 0.01uF, 50V	Mouser	140-50Z2-103M-RC	\$0.10	\$0.40
C6-C13	8	Capacitor, ceramic, 0.1uF, 50V	Mouser	140-50U9-104Z-RC	\$0.23	\$1.84
C14-C19	6	Capacitor, film, 2.5%, 0.01uF, 63V	Mouser	505-FKP20.01/63/2.5	\$0.53	\$3.18
C20, C21	2	Capacitor, film, 2.5%, 6800pF, 63V	Mouser	505-FKP26800/63/2.5	\$0.49	\$0.98
C22-C30	9	Capacitor, electrolytic, 10uF, 25V	Mouser	140-REA100M1EBK0511P	\$0.06	\$0.54
C31-C33	3	Capacitor, electrolytic, 100uF, 25V	Mouser	140-REA101M1EBK0611P	\$0.09	\$0.27
R1, R2	2	Resistor, 1/4W, 5%, 2.7Ω	Mouser	291-2.7-RC	\$0.10	\$0.20
R3-R5	3	Resistor, 1/4W, 5%, 16Ω	Mouser	291-16-RC	\$0.10	\$0.30
R6-R8	3	Resistor, 1/4W, 5%, 1K	Mouser	291-1K-RC	\$0.10	\$0.30
R9, R10	2	Resistor, 1/4W, 5%, 4.7K	Mouser	291-4.7K-RC	\$0.10	\$0.20
R11-R14	4	Resistor, 1/4W, 5%, 10K	Mouser	291-10K-RC	\$0.10	\$0.40
R15	1	Resistor, 1/4W, 5%, 15K	Mouser	291-15K-RC	\$0.10	\$0.10
R16, R17	2	Resistor, 1/4W, 5%, 20K	Mouser	291-20K-RC	\$0.10	\$0.20
R18, R19	2	Resistor, 1/4W, 1%, 2.2K	Mouser	271-2.2K-RC	\$0.13	\$0.26
R20, R21	2	Resistor, 1/4W, 1%, 10K	Mouser	271-10K-RC	\$0.13	\$0.26
R22, R23	2	Resistor, 1/4W, 1%, 20K	Mouser	271-20K-RC	\$0.13	\$0.26
R24-R27	4	Resistor, 1/4W, 1%, 22K	Mouser	271-22K-RC	\$0.13	\$0.52
R28, R29	2	Resistor, 1/4W, 1%, 27K	Mouser	271-27K-RC	\$0.13	\$0.26
R30	1	Potentiometer, trimmer, 1K	Mouser	652-3386P-1-102TLF	\$2.06	\$2.06
R31	1	Potentiometer, trimmer, 10K	Mouser	652-3386P-1-103TLF	\$2.06	\$2.06
S1	1	Switch, pushbutton, DPDT, locking	Digikey	401-1192-ND	\$1.33	\$1.33
S2	1	Switch, pushbutton, 4PDT, locking	Digikey	401-1193-ND	\$1.78	\$1.78
	2	Cap, pushbutton, black	Digikey	401-1204-ND	\$0.62	\$1.24
D1	1	Diode, 1N4007	Mouser	512-1N4007	\$0.09	\$0.09
DS1	1	LED, blue, 10mA	Digikey	350-1844-ND	\$2.90	\$2.90
	1	Enclosure, extruded, 4.72"x2.125"x0.91"	Mouser	546-1455C1201BK	\$14.04	\$14.04
	5	Socket, IC, 8 pin DIP	Mouser	571-4-1571551-2	\$1.00	\$5.00
	1	PC Board (2 each)	ExpressPCB		\$79.12	\$39.56
					Total	\$92.54