

MonoWave(X) Main Board			
CAPACITORS	Qty	X	X
15pF 5% Ceramic, Low K, NPO	4		C401, C402, C701, C702
27pF 5% Ceramic, Low K, NPO	4		C1101, C201, C202, C1201
33pF 5% Ceramic, Low K, NPO	1		C204
1uF 35V Tantalum	2		C2, C4
10u 35V Tantalum	3		C801, C908, C1001
22uF 25V 10% Electrolytic	1		C905
220uF 16V 10% Electrolytic	1		C906
470uF 35V Electrolytic	2		C1, C3
100nF 50V Monolithic Ceramic	12		C9, C10, C203, C403, C501, C502, C601, C602, C1103, C1104, C1205, C1206
100nF 50V Polyester	15		C5, C6, C301, C302, C303, C304, C901, C902, C903, C904, C907, C1102, C1202, C1203
220nF 50V Polyester	4		C503, C603, C703, C704

RESISTORS	Qty	X	X
100K 0.5W 1% Metal Film	17		R204, R916, R920, R921, R922, R923, R1102, R1103, R1109, R1110, R1111, R1201, R1202, R1203, R1209, R1210, R1211
10K 0.5W 1% Metal Film	7		R208, R301, R302, R303, R304, R705, R706
1M 0.5W 1% Metal Film	4		R803, R804, R1003, R1004
2K7 0.5W 1% Metal Film	2		R901, R912
2M2 0.5W 1% Metal Film	2		R802, R1002
390K 0.5W 1% Metal Film	4		R906, R907, R908, R909
15K 0.5W 1% Metal Film	1		R210, R925
1K 0.5W 1% Metal Film	24		R203, R207, R209, R401, R402, R403, R501, R502, R601, R602, R702, R704, R801, R902, R903, R904, R905, R910, R911, R913, R914, R915, R924, R1001
1K5 0.5W 1% Metal Film	1		R205
220R 0.5W 1% Metal Film	3		R201, R202, R206
22K 0.5W 1% Metal Film	2		R1107, R1207
39K 0.5W 1% Metal Film	2		R1112, R1212
470K 0.5W 1% Metal Film	1		R918
47K 0.5W 1% Metal Film	10		R917, R919, R1104, R1105, R1106, R1108, R1204, R1205, R1206, R1208
5K6 0.5W 1% Metal Film	2		R701, R703
68K 0.5W 1% Metal Film	2		R1113, R1213
4 x 10K Commoned Resistor Network	2		RN201, RN202
20K 25-Turn Trimpot	6		P401, P801, P901, P1001, P1111, P1201

SEMICONDUCTORS	Qty	X	X	
1N4001 50V 1A Diode	3			D1, D2, D3
1N4148 Signal Diode	6			D201, D202, D801, D1001, D1101, D1201
74HC00 - Quad NAND Gate	10			U202, U204, U303, U404, U501, U502, U601, U602, U701, U705
CD4011 - CMOS Logic	2			U802, U1002
CD4016 - Quad Analogue switch	2			U803, U1003
CD4024 - 7-stage Binary Counter	2			U504, U604
CD4040 - 12 stage Ripple Counter	2			U505, U605
LM741 - General-purpose Opamp	1			U401
74HC374	3			U203, U506, U606
6N138 - Opto-coupler	1			U201
74HC74	1			U406
7805 +5V 1A Regulator	1			U3
7815 +15V 1A Regulator	1			U1
7915 -15V 1A Regulator	1			U2
AD7524 - 12-bit A/D Converter	4			U402, U403, U703, U707
ADC0803 - 8-bit A/D Converter	1			U301, U302
ATtiny2313	2			U503, U603
ATMEGA16-16PI	1			U205
27C512 - 512K EEPROM	2			U702, U706
CA3046 5 NPN Transistors	3			U901, U1101, U1201
LM13700 Dual OTA	1			U902
TL082 Dual JFET Opamp	4			U405, U704, U801, U1001
TL084 Quad JFET Opamp	2			U1102, U1202
2N3904 NPN Transistor	10			Q201, Q301, Q302, Q901, Q902, Q903, Q904, Q905, Q906, Q908
2N3906 PNP Transistor	1			Q907
16MHz Crystal	1			X201
12MHz Crystal Oscillator Module	1			X501

HARDWARE	Qty	X	X	
1x1 Pin Header	2			TP602B, TP602C
5-PIN DIN PCB Socket	2			J203, J205
40-way IDC Locking Header	3			J101, J102, J103
40-way IDC Socket	3			J101, J102, J103
1x3 Pin Header	1			J206
1x2 Pin Header	9			J204, LK401, LK402, LK403, LK801, LK1001, LK1101, LK1201, LK1202
Jumper Shunt	8			LK401, LK402, LK403, LK801, LK1001, LK1101, LK1201, LK1202
40-pin IC Socket	1			U205
24-pin IC Socket 0.6"	2			U702, U706
4-way Crimp Header	1			J1
4-way Crimp Plug	1			J1
MonoWave Main PCB	1			

MonoWave (X)

MonoWave(X) Front Panel			
RESISTORS	Qty	X	X
100K 0.5W 1% Metal Film	2		R101, R102
330R 0.5W 1% Metal Film	2		R1301, R1302
10K 25-Turn Trimpot	1		P1301
10K LIN (OMEG)	11		P101, P102, P104, P106, P107, P108, P109, P110, P113, P117, P121
47K LIN (OMEG)	1		P111
100K LOG (OMEG)	6		P112, P114, P115, P116, P118, P119
10K LIN DUAL (OMEG)	1		P102
10K LIN with SPDT (OMEG)	2		P103, P105
SEMICONDUCTORS	Qty	X	X
5mm Red LED	3		D1301, D1302, D1303
2x16 Backlit LCD	1		LCD
HARDWARE	Qty	X	X
5mm Plastic LED bezel	3		D1301, D1302, D1303
Knob to suit PCB Pushbutton Switch	8		S1303, S1304, S1305, S1306, S1307, S1308, S1309, S1310
SPDT PCB Pushbutton Switch with V-bracket	8		S1303, S1304, S1305, S1306, S1307, S1308, S1309, S1310
1P12W Rotary Switch	2		S1311, S1312
Push-on Style Knob - Black	2		S1311, S1312
40-way IDC Locking Header	3		J101, J102, J1304
40-way IDC Socket	3		J101, J102, J1304
MonoWave Panel PCB	1		