

3.6 PARTS LIST

3.61 LCD control board

RESISTORS		
R1	33K	1/8 Watt Carbon Film
R2	33K	1/8 Watt Carbon Film
R3	820R	1/8 Watt Carbon Film
R4	390R	1/8 Watt Carbon Film
R5	390R	1/8 Watt Carbon Film
R6	10K	1/8 Watt Carbon Film
R7	820R	1/8 Watt Carbon Film
R8	820R	1/8 Watt Carbon Film
R9	820R	1/8 Watt Carbon Film
R10	820R	1/8 W
R11	820R	1/8 Watt Carbon Film
R12	1K8	1/8 Watt Carbon Film
R13	1K8	1/8 Watt Carbon Film
R14	1K8	1/8 Watt Carbon Film
R15	100R	1/8 Watt Carbon Film
R16	33K	1/8 Watt Carbon Film
R17	620R	1/8 Watt Carbon Film
R18	100R	1/8 Watt Carbon Film
R19	100K	1/8 Watt Carbon Film
R20	100R	1/8 Watt Carbon Film
R21	4K7	1/8 Watt Carbon Film
R22	100R	1/8 Watt Carbon Film
R23	10K	1/8 Watt Carbon Film
R24	10K	1/8 Watt Carbon Film
R25	-	not fitted
R26	-	not fitted
CAPACITORS		
C1	47U	Miniature Radial Electrolytic
C2	47U	Miniature Radial Electrolytic
C3	33PF	Ceramic Plate 2.5 pitch (680)
C4	33PF	Ceramic Plate 2.5 pitch (680)
C5-11	560PF	Ceramic Plate 2.5 pitch (680)
C12	100N	Monolithic Ceramic 2.5 pitch
C13	2U2	Miniature Radial Electrolytic
C14	560PF	Ceramic Plate 2.5 pitch (680)
C15	100N	Monolithic Ceramic 2.5 pitch
C16	560PF	Ceramic Plate 2.5 pitch (680)
C17	560PF	Ceramic Plate 2.5 pitch (680)
C18	2U2	Miniature Radial Electrolytic
MISC		
VR1	5K	5mm MiniPot
VR2	100K	5mm MiniPot
D1	-	LINKED ON PCB
D2	-	WIRE LINK
LED1	1N4148	400mW Glass Axial
LED2	GREEN	3MM GREEN LED
LED3	RED	3MM RED LED
X1	8MHZ	HC49/U microprocessor crystal
REG1	7805	TO220 1A 5 V regulator
IC1	PIC16F877	40 pin 8 Bit micro Controller
IC2	CA3240	op-amp
T1	TIP32A	PNP Transistor
SW1-3	BUTTONS	Blue buttons
CON1	10W IDC	IDC boxed header
CON2	16W IDC	IDC boxed header
LCD1	122x32	NAN YA LMD62S042JM

3.62 Power amplifier board

RESISTORS		
R1	1K8-3K6 (sot)	1/4 Watt Metal Oxide
R2	75R	1/4 Watt Metal Oxide
R3	10R	1/4 Watt Metal Oxide
R4	12R	1 WATT 2512 SMD
R5	12R	1 WATT 2512 SMD
R6	12R	1 WATT 2512 SMD
R7		NOT FITTED
R8	39R	3 Watt Metal Oxide
R9	47R	1206 SMD (under CON3)
R10	10K	1206 SMD (under CON3)
R11	6K8	1/4 Watt Metal Oxide
R12	560R	1/4 Watt Metal Oxide
R13	10K	1 WATT 2512 SMD
R14		NOT FITTED
R15	12R	1 WATT 2512 SMD
R16	12R	1 WATT 2512 SMD
R17	330R	1 WATT 2512 SMD
R18	470R	1/4 Watt Metal Oxide
R19	470R	1/4 Watt Metal Oxide
R20	1K8	1/4 Watt Metal Oxide
R21	470R	1/4 Watt Metal Oxide
R22	10K	1/4 Watt Metal Oxide
R23	1R	1/4 Watt Metal Oxide
R24	10K	1/4 Watt Metal Oxide
R25	470R	1/4 Watt Metal Oxide
R26		1/4 Watt Metal Oxide
R27	18K	1/4 Watt Metal Oxide
R28	10K	1/4 Watt Metal Oxide
R29	10K	1/4 Watt Metal Oxide
R30	13K	1/4 Watt Metal Oxide
R31	3K3	1/4 Watt Metal Oxide
R32	18K	1/4 Watt Metal Oxide
VR1-3	1K	5MM Minipot
CAPACITORS		
C1	1N	Ceramic Plate 5MM pitch (680)
C2	39PF	Ceramic Plate 2.5 pitch (680)
C3	100N	Monolithic Ceramic 2.5 pitch
C4	150PF	Ceramic Plate 2.5 pitch (680)
C5	1UF 63V	Polycarbonate
C6	2.2UF 50V	Radial Electrolytic
C7	2.2UF 50V	Radial Electrolytic
C8	1N	Gen. Pur. Ceramic Disc 2.5 pitch
C9	100N	Monolithic Ceramic 2.5 pitch
C10	100N	Monolithic Ceramic 2.5 pitch
C11	1N	Gen. Pur. Ceramic Disc 2.5 pitch
C12	220UF 63V	Radial Electrolytic
C13	220UF 63V	Radial Electrolytic
C14	1UF 63V	Polycarbonate
C15	8.2PF	SEMCO book mica
C16	10PF	SEMCO book mica
C17	12PF	SEMCO book mica
C18	33PF	SEMCO book mica
C19	33PF	SEMCO book mica
C20	33PF	SEMCO book mica
C21	15PF	SEMCO book mica
C22	220UF 63V	Radial Electrolytic
C23	-	not fitted
C24	100N	Monolithic Ceramic 2.5 pitch