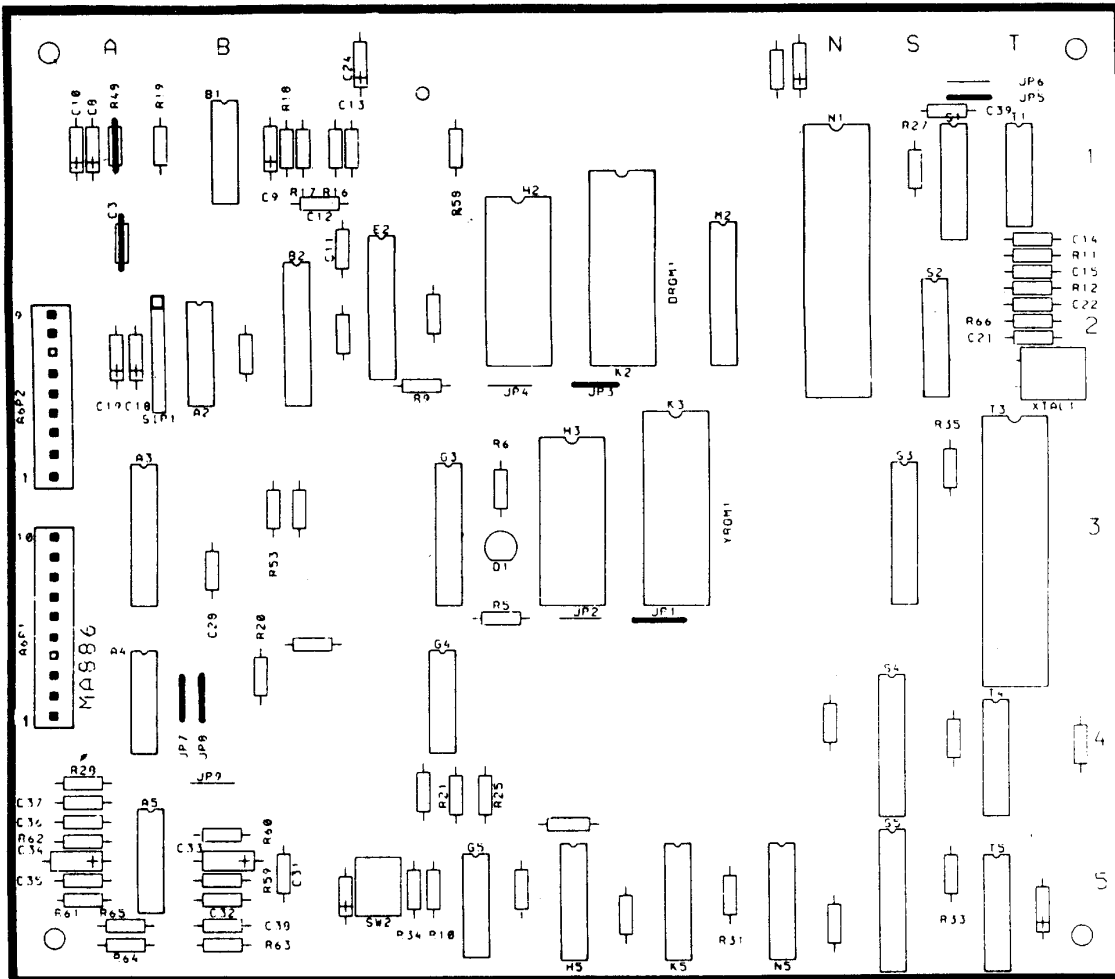


# X. WIRING AND SCHEMATIC DIAGRAMS, PARTS LISTS

## SOUND BOARD (A6) COMPONENT LOCATION



## SOUND BOARD (A6) PARTS LIST

REFERENCE	DESCRIPTION	PART NUMBER	REFERENCE	DESCRIPTION	PART NUMBER
	SOUND BOARD ASSEMBLY (A6)	MA-886-V101	R20,R34	RESISTOR, 4.7K Ohm, 5%, 1/4W	XO-7
C13,C37	CAPACITOR, 1UF, 20%, 50V (NON. POLAR.)	XO-746	R61,R62,	RESISTOR, 33K Ohm, 5%, 1/4W	XO-43
C8,C9,C10	CAPACITOR, 10UF, 20% 25V (TANTALUM)	XO-127	R63,R64		
C18,C19,C24			R59,R60	RESISTOR, 100K Ohm, 5% 1/4W	XO-45
C33,C34 AND			R65	RESISTOR, 27K Ohm, 5%, 1/4W	XO-11
THREE			A2	IC, 7430, 8 INPUT NAND GATE	XO-643
UNMARKED			A3,B2,S5	IC, 74LS374, OCTAL "D" FLIP FLOP	XO-96
CAPACITORS			A4	IC, 74LS74, DUAL "D" FLIP FLOP	XO-434
C11,C12	CAPACITOR, 10PF, +80%-20%, 50V	XO-635	A5,B1	IC, MC3403P, QUAD OP-AMP	XO-953
C14,C22	CAPACITOR, 33PF, 10%, 100V	XO-896	E2	IC, AD7528J, MULTIPLIER DAC	XO-647
C15	CAPACITOR, .047UF, 20%, 50V	XO-638	G3	IC, 74LS377, OCTAL "D" FLIP FLOP	XO-97
C21	CAPACITOR, 22PF, 10%, 50V	XO-633	G4,T1	IC, 74LS04, HEX INVERTER	XO-418
C28 AND	CAPACITOR, 0.1UF, +80%-20%, 50V	XO-230	G5	IC, 74HC08, QUAD 2 INPUT "AND" GATE	XO-872
FOURTEEN			H2,H3	IC, 6116LP-15, 2K X 8 RAM	XO-928
UNMARKED			H5,K5,N5,	IC, 74LS161, SYNCHRONOUS PRESETTABLE	XO-440
CAPACITORS			S1,T5	BINARY COUNTER	
C31,C32	CAPACITOR, 0.1UF, 10%, 50V	XO-784	K2,K3	IC, SPECIFIED PER GAME	
C35	CAPACITOR, 1000PF, 10%, 100V	XO-296	M2	IC, 74LS245, OCTAL BUS TRANSCEIVER	XO-79
C36	CAPACITOR, 2200PF, 10%, 100V	XO-289	N1,T3	IC, 6502A, CPU	XO-893
C38	CAPACITOR, 0033UF, 10%, 100V	XO-600	S2	IC, 74LS139, DUAL 1 OF 4 DECODER	XO-419
C39	CAPACITOR, 220PF, 10%, 100V	XO-694	S3	IC, 74HCT245, OCTAL BUS TRANSCEIVER	XO-891
D1	DIODE, MV5752, (LED,RED)	XO-270	T4	IC, 74LS138, 1 OF 8 DECODER	XO-437
R5,R9,R10,	RESISTOR, 1K Ohm, 5%, 1/4W	XO-5	SIP 1	RESISTOR PACK 8 X 1K OHM	XO-493
R27,R28,R31,			SW2	SWITCH, PUSHBUTTON	XO-897
R33,R35			XTAL1	CRYSTAL, 4 MHZ	XO-366
R6	RESISTOR, 240 Ohm, 5%, 1/4W	XO-173	A6P1,A6P2	CONNECTOR	XO-879
R11,R12	RESISTOR, 470 Ohm, 5%, 1/4W	XO-35			
R21,R25	RESISTOR, 3K Ohm, 5%, 1/4W	XO-23			
R16,R17,R58	RESISTOR, 10K Ohm, 5%, 1/4W	XO-18			
R18	RESISTOR, 6.8K Ohm, 5%, 1/4W	XO-8			
				28 PIN DIP SOCKET (2)	XO-536
				JUMPER, 22 GAUGE (6)	XO-469
				20 PIN DIP SOCKET	XO-491

X. WIRING AND SCHEMATIC DIAGRAMS, PARTS LIST

