



F. 410231 CONTROLLER ASSEMBLY

REF. NO	PART NO	DESCRIPTION
MLC1	404101	I.C., CHDS RAM, 256 X 1
MLC2		SAME AS MLC1
RPC3	341822	RESISTOR PACK., 150 OHMS
RPC3		SAME AS RPC3
MLB4	404114	I.C. RAM, 1K X 4
MLD4		SAME AS MLB4
MLA5	454606	I.C., 64K EPROM, ISSUE 2
MLC5		SHOWN FOR REFERENCE ONLY
RPB4	341835	RESISTOR PACK., 15K
MLC6	454607	I.C., 64K EPROM, ISSUE 2
ML7	474138	I.C., 3-B DECODER
ML8		SAME AS ML7
ML8	404880	I.C., CPU
MLB10	404884	I.C., DUAL USART
MLB11	474109	I.C., DUAL FLIP-FLOP
MLC11	404882	I.C., TIM/COUNT.
MLB12	474032	I.C., QUAD 2-IN OR
MLB13	339438	I.C., QUAD NAND BUFF.
MLC13	404007	I.C., USART
MLB14	474014	I.C., HEX. INVERTER
MLC14	474161	I.C., 4-BIT SYNC CNT
MLB15		SAME AS MLC14
MLC15		SAME AS MLC14
MLB16	405009	CRYSTAL OSCILLATOR
MLB17	474374	I.C., OCTAL D-LATCH
MLB18		SAME AS MLB17
RPB19	341827	RESISTOR PACK., 1K OHMS
RPC19		SAME AS RPB19
MLB20	474257	I.C., QUAD 2 IN MPX (3 ST)

REF. DESIG.	PART NO	DESCRIPTION
RPC20	341834	RESISTOR PACK., 10K OHMS
MLB21		SAME AS MLB20
RPC21		SAME AS RPC20
MLB22	404239	I.C., QUAD VOLTAGE COMP.
R1	315955	RESISTOR, 2.2K, 1/4W
R2	315971	RESISTOR, 680, 1/4W
R3	315954	RESISTOR, 1.5K, 1/4W
R4	315947	RESISTOR, 51, 1/4W
R5	315973	RESISTOR, 33K, 1/4W
R6	315953	RESISTOR, 1.2K, 1/4W
R7	321545	RESISTOR, 12K, 1/4W
R8	300092	RESISTOR, 6.8K, 1/4W
RP9, R10	129856	RESISTOR, 150, 1/2W
R11		SAME AS R2
R12, R13	330640	RESISTOR, 150, 1/4W
R14		SAME AS R6
R15	333408	RESISTOR, 15K, 1/4W
R16, R17	320275	RESISTOR, 10K, 1/4W
R18, R19		SAME AS R16
R20, R21		SAME AS R16
R22		SAME AS R16
R23, R24		SAME AS R16
R25	315951	RESISTOR, 560, 1/4W
R26, R27	335635	RESISTOR, 15, 1/4W
R28	321213	RESISTOR, 1K, 1/4W
RP29, R30		SAME AS R28
R31		SAME AS R6
R32		SAME AS R4

REF. DESIG.	PART NO	DESCRIPTION
R33, R35	315959	RESISTOR, 4.7K, 1/4W
R34, R36		SAME AS R28
R37, R39		SAME AS R33
R38, R40		SAME AS R28
R41		SAME AS R33
R42, R43		SAME AS R28
R44		SAME AS R12
R45, R46		SAME AS R16
R47	315949	RESISTOR, 300, 1/4W
R48		SAME AS R16
R49		SAME AS R33
R50	320276	RESISTOR, 470, 1/4W
R51, R55	315972	RESISTOR, 22K, 1/4W
R52, R56	330641	RESISTOR, 1 MEG., 1/4W
R53	315988	RESISTOR, 27K, 1/4W
R54	333411	RESISTOR, 82K, 1/4W
R57		SAME AS R8
R58		SAME AS R6
C1, C3	405324	CAPACITOR, .1 MFD
C2	337333	CAPACITOR, 22 MFD
C4, C6		SAME AS C1
C7	320282	CAPACITOR, 4.7 MFD
C8, C9		SAME AS C1
C10, C11		SAME AS C1
C12, C13		SAME AS C1
C14, C15		SAME AS C1
C16	346238	CAPACITOR, 33P.
C17		SAME AS C1

REF. DESIG.	PART NO	DESCRIPTION
C19	310931	CAPACITOR, 47 MFD
C19, C21		SAME AS C1
C20	333725	CAPACITOR, 4.7 MFD, 35V
C22		SAME AS C1
C23, C24		SAME AS C20
Q1	337342	TRANSISTOR, 40V
Q2, Q3		SAME AS Q1
Q4, Q5		SAME AS Q1
Q6, Q7		SAME AS Q1
Q8, Q9		SAME AS Q1
CR1	197464	DIODE, 1N4148
CR2, CR3		SAME AS CR1
CR4, CR5		SAME AS CR1
CR6	407336	DIODE, SCHOTTKY
CR7	452026	DIODE, ZENER, 4.3V
ST2	336470	STRAP
ST3		SAME AS ST2
ST5		SAME AS ST2
ST7, ST9		SAME AS ST2
ST9		SAME AS ST2
B1	406099	BATTERY, NICA2, 3.6V
	312918	CABLE CLAMP

REF. DESIG.	PART NO	DESCRIPTION
	406048	SOCKET, 28 PIN
	403412	SOCKET, 40 PIN
	LED	405029 LIGHT EMITTING DIODE
	407714	HEADER, 40 TERM.
	430701	HEADER, 10 TERM.
	340150	RIVET
	452833	CABLE ASSEM., 20 COND.
	452179	LABEL, INSTRUCTION
	409230	BOARD, ETCHED CIRCUIT