

SECTION V

PARTS LIST

INTEGRATED CIRCUITS

<u>Location</u>	<u>Device</u>	<u>Description</u>
U1	Am25LS138	One-of-eight decoder/demultiplexer
U2	Am27S03	16-word by 4-bit RAM
U3	Am27S03	16-word by 4-bit RAM
U4	Am27S03	16-word by 4-bit RAM
U5	Am27S03	16-word by 4-bit RAM
U6	Am27S03	16-word by 4-bit RAM
U7	Am27S03	16-word by 4-bit RAM
U8	Am27S03	16-word by 4-bit RAM
U9	Am27S03	16-word by 4-bit RAM
U10	Am2909	Bipolar microprogram sequencer
U11	Am9314	Four-Bit latch
U12	Am25LS138	One-of-eight decoder/demultiplexer
U13	Am2918	Four-bit register
U14	Am2918	Four-bit register
U15	Am2918	Four-bit register
U16	Am2918	Four-bit register
U17	Am2918	Four-bit register
U18	Am2918	Four-bit register
U19	Am2918	Four-bit register
U20	Am2918	Four-bit register
U21	Am25LS157	Quad two-input multiplexer; non-inverting
U22	Am25LS151	Eight-input multiplexer
U23	Am25LS151	Eight-input multiplexer
U24	Am25LS151	Eight-input multiplexer
U25	Am25LS151	Eight-input multiplexer
U26	Am25LS158	Quad two-input multiplexer; inverting
U27	Am29751	32-word by 8-bit PROM; three state
U28	Am74S157	Quad two-input multiplexer; non-inverting
U29	Am9309	Dual four-input multiplexer
U30	Am9309	Dual four-input multiplexer
U31	Am25LS08	Four-bit register with common clock enable
U32	Am25LS253	Three-state dual four-input multiplexer
U33	Am25LS253	Three-state dual four-input multiplexer

<u>Location</u>	<u>Device</u>	<u>Description</u>
U34	Am2901	Four-bit bipolar microprocessor slice
U35	Am2907	Quad open collector bus transceiver with three-state receiver and parity outputs
U36	Am25LS151	Eight-input multiplexer
U37	Am25LS151	Eight-input multiplexer
U38	Am25LS151	Eight-input multiplexer
U39	Am25LS151	Eight-input multiplexer
U40	Am9324	Five-bit Comparator

NOTE: Package type designations (DM, DC, PC) at the end of the part number have been intentionally omitted.

RESISTORS

<u>Location</u>	<u>Value</u>	<u>Wattage</u>	<u>Part Number</u>
R1	2200Ω	1/4 Watt	RCR07G222JM
R2	2200Ω	1/4 Watt	RCR07G222JM
R3	2200Ω	1/4 Watt	RCR07G222JM
R4	2200Ω	1/4 Watt	RCR07G222JM
R5	2200Ω	1/4 Watt	RCR07G222JM
R6	2200Ω	1/4 Watt	RCR07G222JM
R7	2200Ω	1/4 Watt	RCR07G222JM
R8	2200Ω	1/4 Watt	RCR07G222JM
R9	51Ω	1/2 Watt	RCR20G510JM
R10	1000Ω	1/4 Watt	RCR07G102JM
R11	51Ω	1 Watt	RCR32G510JM
R12	51Ω	1 Watt	RCR32G510JM
R13	51Ω	1 Watt	RCR32G510JM
R14	51Ω	1 Watt	RCR32G510JM
R15	330Ω	1/4 Watt	RCR07G331JM
R16	330Ω	1/4 Watt	RCR07G331JM
R17	330Ω	1/4 Watt	RCR07G331JM
R18	330Ω	1/4 Watt	RCR07G331JM
R19	330Ω	1/4 Watt	RCR07G331JM
R20	330Ω	1/4 Watt	RCR07G331JM
R21	330Ω	1/4 Watt	RCR07G331JM
R22	330Ω	1/4 Watt	RCR07G331JM
R23	330Ω	1/4 Watt	RCR07G331JM
R24	330Ω	1/4 Watt	RCR07G331JM
R25	330Ω	1/4 Watt	RCR07G331JM
R26	330Ω	1/4 Watt	RCR07G331JM

CAPACITORS

<u>Location</u>	<u>Value</u>	<u>Polarized</u>	<u>Part Number</u>
C1	0.022μf	No	5021EM50RD223M
C2	0.022μf	No	5021EM50RD223M
C3	0.022μf	No	5021EM50RD223M
C4	0.022μf	No	5021EM50RD223M
C5	0.022μf	No	5021EM50RD223M
C6	0.022μf	No	5021EM50RD223M
C7	60μf	Yes	500D606G102CB7
C8	0.022μf	No	5021EM50RD223M
C9	0.022μf	No	5021EM50RD223M
C10	0.022μf	No	5021EM50RD223M
C11	0.022μf	No	5021EM50RD223M
C12	0.022μf	No	5021EM50RD223M
C13	60μf	Yes	500D606G102CB7
C14	60μf	Yes	500D606G102CB7
C15	0.022μf	No	5021EM50RD223M
C16	0.022μf	No	5021EM50RD223M
C17	0.022μf	No	5021EM50RD223M

SWITCHES

<u>Location</u>	<u>Type</u>	<u>Part Number</u>
S1	DPDT Toggle	CTS-022
S2	DPDT Toggle	CTS-022
S3	DPDT Toggle	CTS-022
S4	DPDT Toggle	CTS-022
S5	DPDT Toggle	CTS-022
S6	DPDT Toggle	CTS-022
S7	DPDT Toggle	CTS-022
S8	DPDT Toggle	CTS-022
S9	DPDT Toggle	CTS-022
S10	DPDT Toggle	CTS-022
S11	DPDT Toggle	CTS-022
S12	DPDT Toggle	CTS-022
S13	DPDT Toggle	CTS-022
S14	SPDT Momentary	MDL-106F-80
S15	SPDT Momentary	MDL-106F-80

LIGHT EMITTING DIODES (LED's)

<u>Location</u>	<u>Part Number</u>
Data Display 8	HP5082-4655
Data Display 4	HP5082-4655
Data Display 2	HP5082-4655
Data Display 1	HP5082-4655
Pipeline Register 8	HP5082-4655
Pipeline Register 4	HP5082-4655
Pipeline Register 2	HP5082-4655
Pipeline Register 1	HP5082-4655
Microword Memory 8	HP5082-4655
Microword Memory 4	HP5082-4655
Microword Memory 2	HP5082-4655
Microword Memory 1	HP5082-4655

MECHANICAL COMPONENTS

<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>
1	Am2900EKL	Printed Circuit Board
6	HHS 2181	Rubber Feet
6	HHS 1373	#4 Machine Screw
6	HHS 1168	#4 Nuts
7	1457-2	Turrett Terminals
1	-	Wooden Toothpick (tool)
1	AMP 583529-1	16-pin Socket