SHEET INDEX

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CONTENTS	SHEET NO.	ISSUE NO.

DWG ISSUE	CD ISSUE	DATE ISSUED	DESIGN	APPD
1	1	7-7-76	DNR	IKH LEG
2D	I APPX ID	8-8-77	DNR	RFG MM LEG JBD

SHEET INDEX NOTES

1. WHEN CHANGES ARE MADE IN THIS DRAWING, ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
2. THIS SHEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED, OR A NEW SHEET IS ADDED.
3. THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX.
4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.
5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.

SUPPORTING INFORMATION

CATEGORY	NO.
CIRCUIT PACK SCHEMATICS	CPS-JK3 CPS-JL2
EQUIPMENT DRAWING	J1C052B
DC-DC CONVERTER (J87421A)	SD-82327-01
DC-DC CONVERTER (J87422B)	SD-82328-02

NOTICE- NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT.

ISSUE 2D

REPLACES SD-1C903-01

1N98

COMMON SYSTEMS

MAIN STORE MEMORY CIRCUIT

ATATCO STANDARD

(2) SD-1C903-02-AI

30 SHEETS

BELL TELEPHONE LABORATORIES INCORPORATED

DRG SIZE 6S

APPARATUS INDEX

EQUIP LOC	APP NO.	FIGURE SH NO.
CIRCUIT PACKS		
03-02	2	C1
03-04	2	C1
03-05	2	C1
03-06	2	C1
03-07	2	C1
03-08	2	C1
03-09	2	C1
03-10	2	C1
03-11	2	C1
03-12	3	C1
03-13	3	C1
03-14	3	C1
03-16	3	C1
03-17	2	C1
03-18	4	C1
03-19	5	C2
03-20	5	C2
03-21	5	C2
03-22	5	C2
03-23	4	C1
03-24	4	C1
03-25	4	C1
03-26	4	C1
03-27	4	C1
03-28	4	C1
03-29	4	C1
03-31	4	C1
03-33	4	C1
DESIG		
F0B0	2	C1
F0B1	4	C1
MP0PH.PL	2	C1
MP1PH.PL	4	C1
MP008.00	2	C1
MP009.01	2	C1
MP010.02	2	C1
MP011.03	2	C1
MP012.04	2	C1
MP013.05	2	C1
MP014.06	2	C1
MP015.07	2	C1
MP020.16	3	C1
MP021.17	3	C1
MP022.18	3	C1
MP023.19	3	C1
MP108.00	4	C1
MP109.01	4	C1
MP110.02	4	C1
MP111.03	4	C1
MP112.04	4	C1
MP113.05	4	C1
MP114.06	4	C1
MP115.07	4	C1
MP120.16	5	C2
MP121.17	5	C2
MP122.18	5	C2
MP123.19	5	C2

DESIG	LOCATION FS/SYM	APPFIG	EQPT
CIRCUIT PACK-CP			
F0B0	1/1	2	03-02
F0B1	1/15	4	03-33
MP0PH.PL	1/2	2	03-17
MP1PH.PL	1/16	4	03-18
MP008.00	1/14	2	03-04
MP009.01	1/13	2	03-05
MP010.02	1/12	2	03-06
MP011.03	1/11	2	03-07
MP012.04	1/10	2	03-08
MP013.05	1/9	2	03-09
MP014.06	1/8	2	03-10
MP015.07	1/7	2	03-11
MP020.16	1/6	3	03-12
MP021.17	1/5	3	03-13
MP022.18	1/4	3	03-14
MP023.19	1/3	3	03-16
MP108.00	1/28	4	03-31
MP109.01	1/27	4	03-29
MP110.02	1/26	4	03-28
MP111.03	1/25	4	03-27
MP112.04	1/24	4	03-26
MP113.05	1/23	4	03-25
MP114.06	1/22	4	03-24
MP115.07	1/21	4	03-23
MP120.16	1/20	5	03-22
MP121.17	1/19	5	03-21
MP122.18	1/18	5	03-20
MP123.19	1/17	5	03-19
POWER MODULE			
+5VPM	Z/2	1	03-38
S9PM	Z/1	1	03-44

SD-1C903-02-A2

ISSUE 1

MAIN STORE MEMORY

BELL TELEPHONE LABORATORIES INCORPORATED

DWG SIZE C2

SD-1C903-02-A2

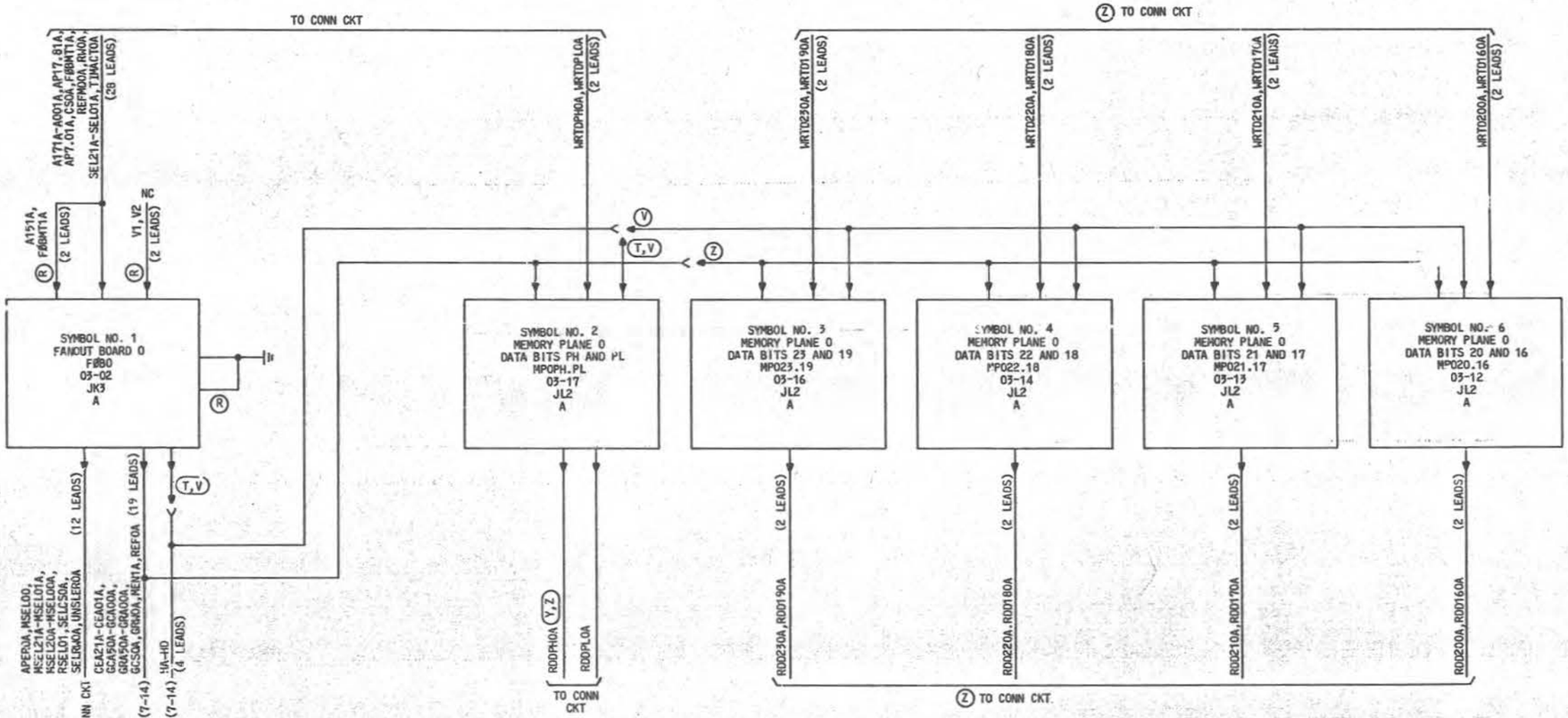
OPTION INDEX

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
Z	STD 2		1/(1,3-6), 1/(15,17-20)
Y	STD 2		1/2
V	STD 2		1/(1-28)
T	STD 2		1/(1,2,7-14), 1/(15,16,21-28)
S	MD 2		2/(3-8)
R	STD 2		1/(1,15), 2/(9,10)

MAIN STORE MEMORY (2)		DWG SIZE 65	ISSUE 2D
BELL LABORATORIES	SD-1C903-02		A3

PART OF FS 1

MEMORY
INTERCONNECTION AND FLOW DIAGRAM
(SEE COMPOSITE DIAGRAM 1)



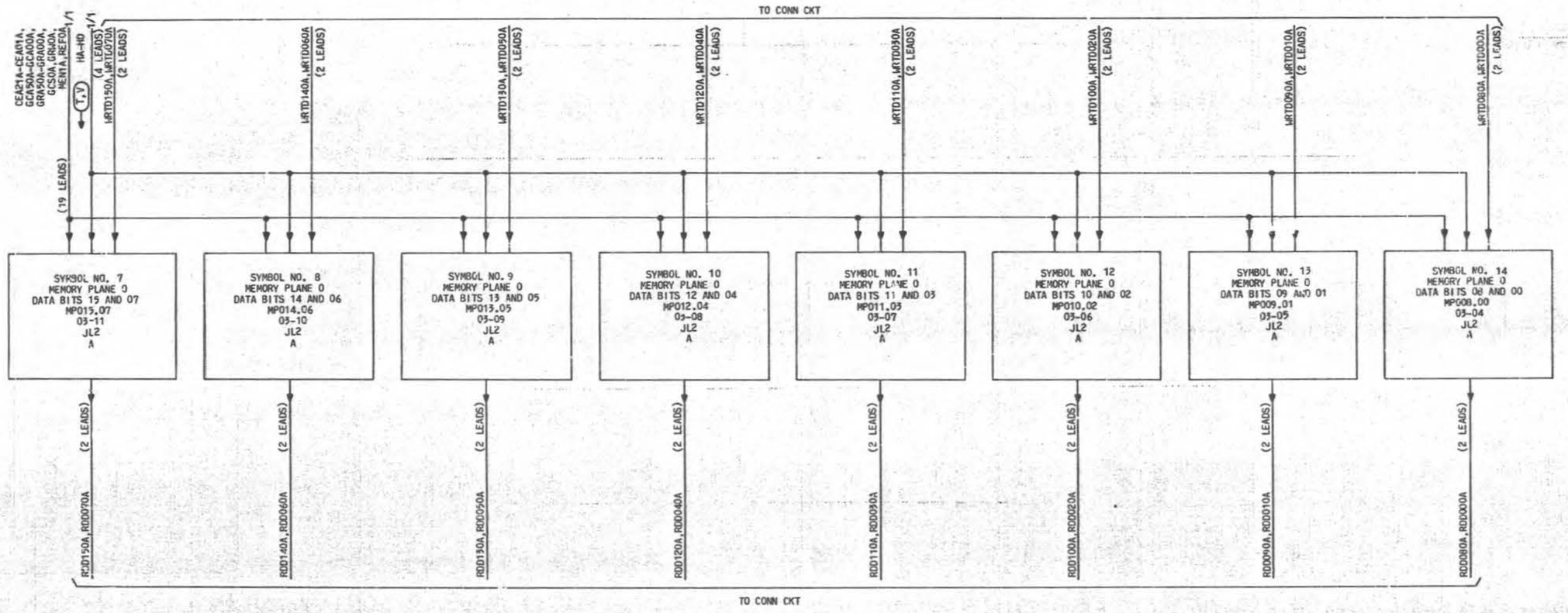
PART OF FS 1
INTERCONNECTION AND FLOW DIAGRAM

MAIN STORE MEMORY (2)	DWG SIZE 6S	ISSUE 2D
BELL LABORATORIES	SD-1C903-02	BIAA

PRINTED IN U.S.A.

PART OF FS 1

MEMORY
INTERCONNECTION AND FLOW DIAGRAM
(SEE COMPOSITE DIAGRAM 1)



PART OF FS 1
INTERCONNECTION AND FLOW DIAGRAM

MAIN STORE MEMORY (1)

DWG SIZE 65

ISSUE 2D

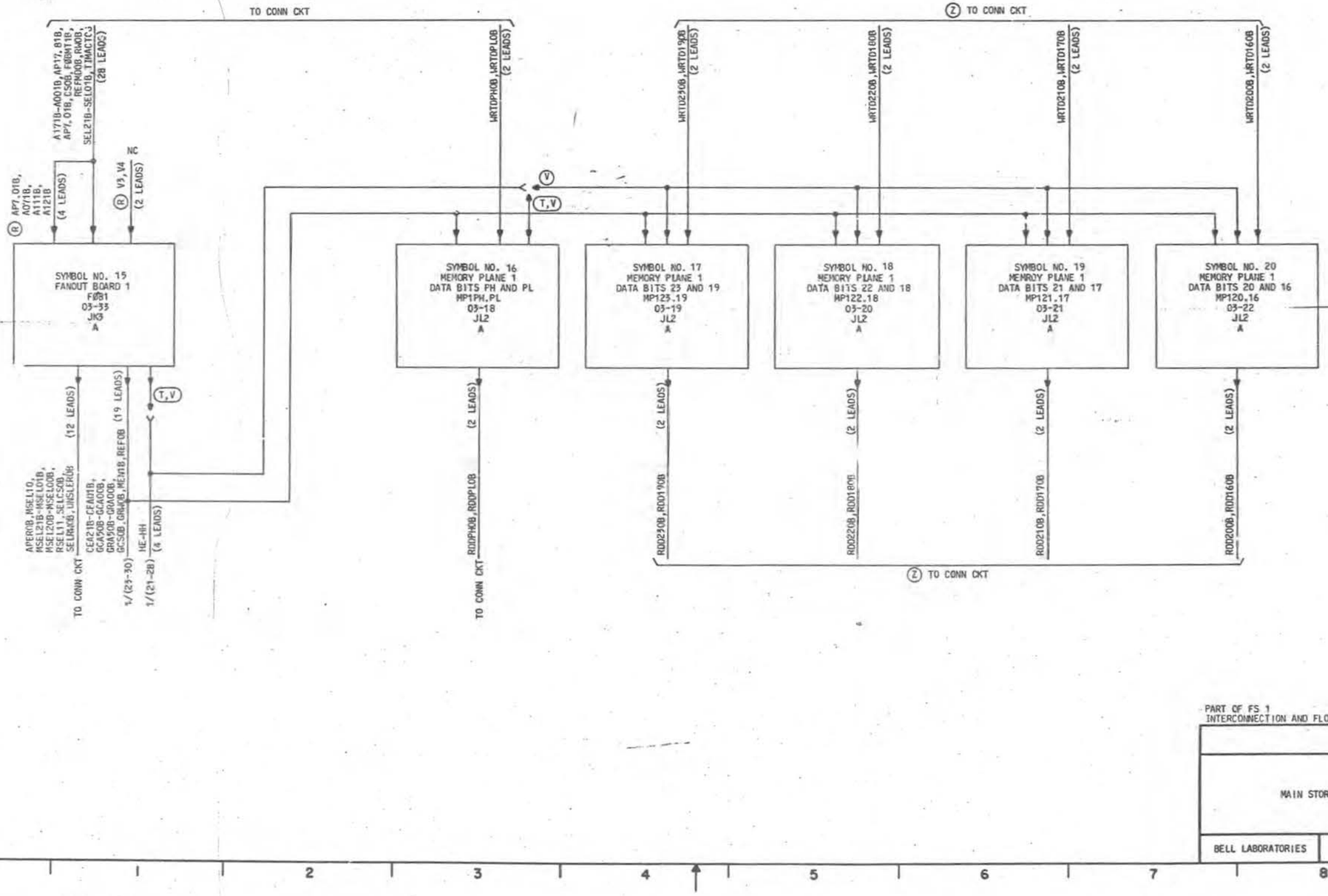
BELL LABORATORIES | SD-1C903-02 | BIAB

PRINTED IN U.S.A.

E - 7021 (12 - 73)

PART OF FS I

MEMORY
INTERCONNECTION AND FLOW DIAGRAM
(SEE COMPOSITE DIAGRAM 1)



PART OF FS 1
INTERCONNECTION AND FLOW DIAGRAM

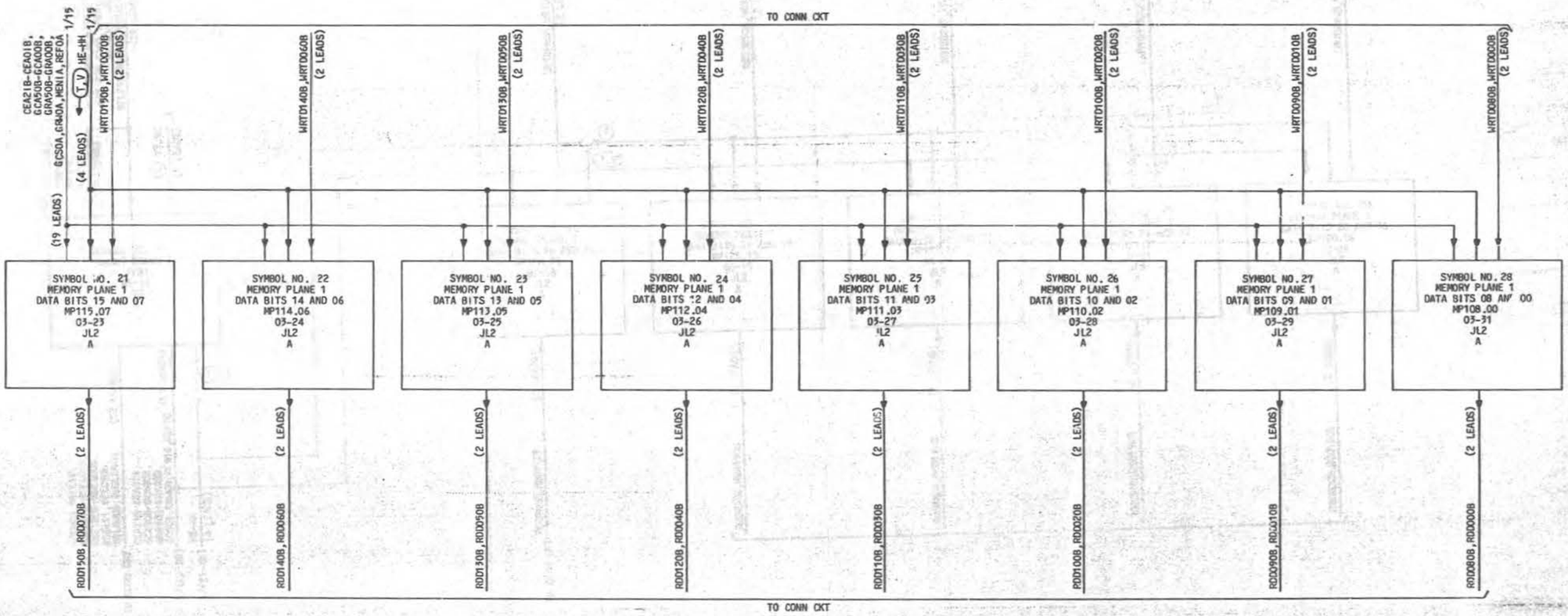
MAIN STORE MEMORY (2)	DWG SIZE 65	ISSUE 2D
BELL LABORATORIES	SD-1C903-02	BIAC

E - 7921 (12 - 73)

PRINTED IN U.S.A.

PART OF FS I

MEMORY
INTERCONNECTION AND FLOW DIAGRAM
(SEE COMPOSITE DIAGRAM 1)

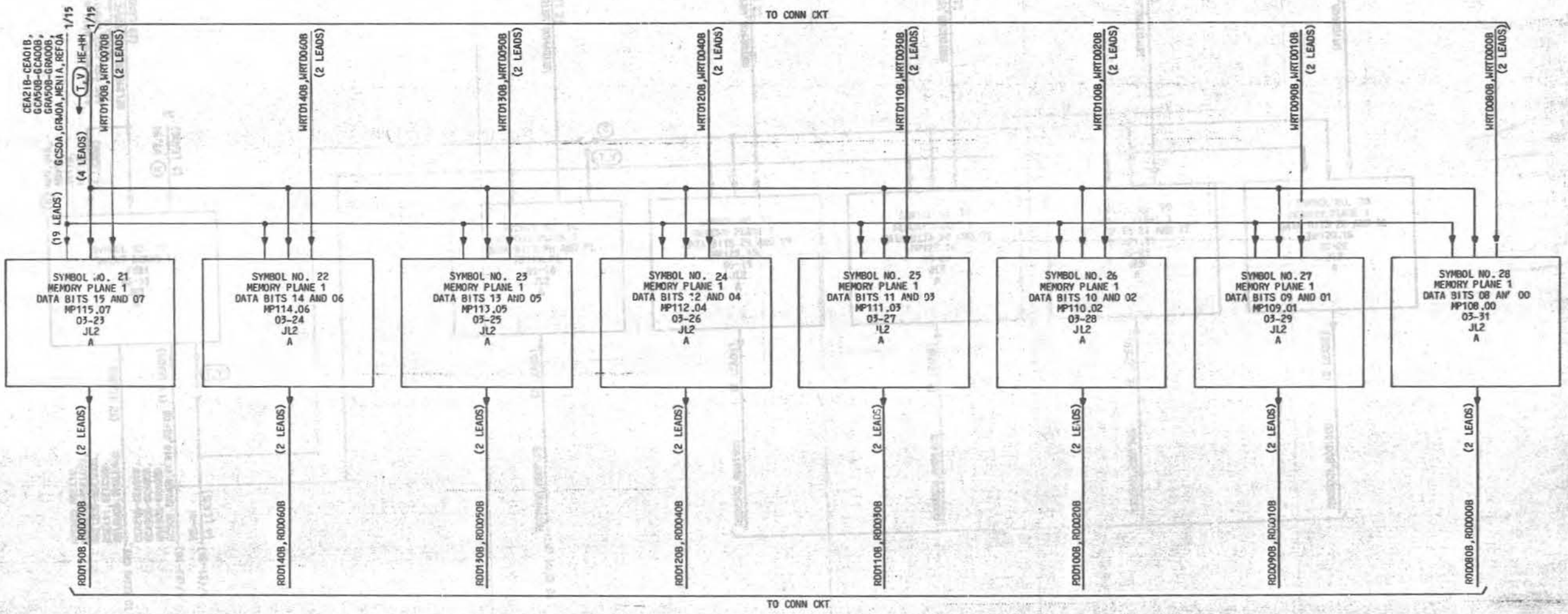


PART OF FS 1
INTERCONNECTION AND FLOW DIAGRAM

MAIN STORE MEMORY		DWG SIZE 6S	ISSUE 2D
BELL LABORATORIES	SD-IC903-02		BIAD

PART OF FS 1

MEMORY
INTERCONNECTION AND FLOW DIAGRAM
(SEE COMPOSITE DIAGRAM 1)



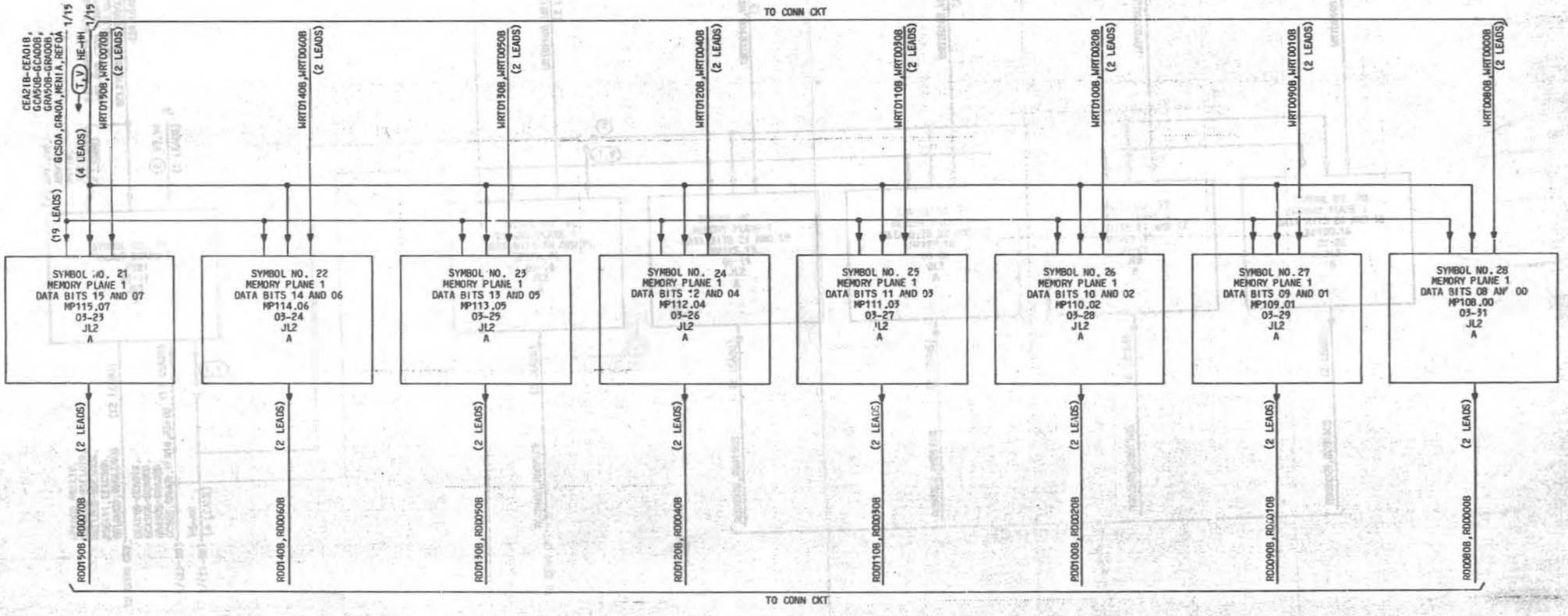
PART OF FS 1
INTERCONNECTION AND FLOW DIAGRAM

MAIN STORE MEMORY (2)	DWG SIZE 6S	ISSUE 2D
BELL LABORATORIES	SD-1C903-02	BIAD

PRINTED IN U.S.A.

PART OF FS 1

MEMORY
INTERCONNECTION AND FLOW DIAGRAM
(SEE COMPOSITE DIAGRAM 1)



PART OF FS 1
INTERCONNECTION AND FLOW DIAGRAM

MAIN STORE MEMORY (2)	DWG SIZE 6S	ISSUE 2D
BELL LABORATORIES	SD-1C903-02	BIAD

PRINTED IN U.S.A.

SYMBOL/LEAD DESIGNATION

MNEMONIC	DEFINITION
APERO(A,B)	ADDRESS PARITY ERROR
AP17.81(A,B)	ADDRESS PARITY 17 THROUGH 8 (PARITY OVER ADDRESS BITS 8-17 TO FANOUT BOARD FROM MAIN STORE CONTROLLER)
AP7.01(A,B)	ADDRESS PARITY 7 THROUGH 1 (PARITY OVER ADDRESS BITS 1-7 TO FANOUT BOARD FROM MAIN STORE CONTROLLER)
A(00-17)1(A,B)	ADDRESS (00-17) (FROM MAIN STORE CONTROLLER TO FANOUT BOARD)
CEA(0-2)1(A,B)	CHIP ENABLE ADDRESS (0-2) (FANOUT BOARD TO MEMORY PLANE)
CSO(A,B)	CHIP SELECT (TO FANOUT FROM MAIN STORE CONTROLLER)
FOBMT1(A,B)	FANOUT BOARD MAINTENANCE
GCA(0-5)0(A,B)	GATED COLUMN ADDRESS (0-5)
GCS0(A,B)	GATED CHIP SELECT
GRA(0-5)0(A,B)	GATED ROW ADDRESS (0-5)
GRDA	GROUND
GRWO(A,B)	GATED READ/WRITE
H(A-H)	SPARE
MEN1(A,B)	MEMORY ENABLE
MSEL(0,1)C	MOD SELECTED (0,1)
MSEL(00,01)(A,B)	MOD SELECTED (HARD-WIRED ADDRESS OUTPUTS ON FANOUT BOARD)
MSEL(10,11)(A,B)	MOD SELECTED (HARD-WIRED ADDRESS OUTPUTS ON FANOUT BOARD)
MSEL(20,21)(A,B)	MOD SELECTED (HARD-WIRED ADDRESS OUTPUTS ON FANOUT BOARD)
RDDPHO(A,B)	READ DATA PARITY HIGH
RDDPLO(A,B)	READ DATA PARITY LOW
RDD(00-23)0(A,B)	READ DATA (0-23)
REFMDO(A,B)	REFRESH MODE
REFO(A,B)	REFRESH
RSEL(0,1)1	REFRESH SELECT
RWO(A,B)	READ/WRITE
SELCSO(A,B)	SELECTED CHIP SELECT (SANITY INDICATOR FROM FANOUT BOARD)
SELRWO(A,B)	SELECTED READ/WRITE (SANITY INDICATOR FROM FANOUT BOARD)
TIMACTO(A,B)	TIMING ACTIVE
UNSLERO(A,B)	UNSELECTED ERROR
WRTDPHO(A,B)	WRITE DATA PARITY HIGH
WRTDPLO(A,B)	WRITE DATA PARITY LOW
WRTD(00-23)0(A,B)	WRITE DATA (0-23)
OGRDMOD	GROUND
SEL(0-2)1(A,B)	SELECT (HARD-WIRED MODULE SELECT ADDRESS INPUTS ON FANOUT BOARD)
V(1-4)	SPARE

MAIN STORE MEMORY		DWG SIZE C2	ISSUE 2D
BELL LABORATORIES	SD-1C903-02		B1AE

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06/23/77

PART OF FS 1

MEMORY

SYMBOL NO. 1

FANOUT BOARD 0

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FOB0	03-02	JK3	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
APER0A	0	212	TO CONN CKT		TAPER0	2H9
AP17.81A	I	303	TO CONN CKT		AP17.811	3A5
AP..01A	I	204	TO CONN CKT		AP7.011	2A2
A001A	I	010	TO CONN CKT		A0011	2A8
A011A	I	112	TO CONN CKT		A0111	2A8
A021A	I	011	TO CONN CKT		A0211	2A7
A031A	I	111	TO CONN CKT		A0311	2A6
A041A	I	207	TO CONN CKT		A0411	2A6
A051A	I	012	TO CONN CKT		A0511	2A5
A061A	I	306	TO CONN CKT		A0611	2A5
A071A	I	208	TO CONN CKT		A0711	2A4
A081A	I	309	TO CONN CKT		A0811	2A3
A091A	I	307	TO CONN CKT		A0911	2A2
A101A	I	305	TO CONN CKT		A10.1	2A2
A111A	I	206	TO CONN CKT		A1111	2A1
A121A	I	110	TO CONN CKT		A1211	2A1
A131A	I	308	TO CONN CKT		A1311	2A0
A141A	I	209	TO CONN CKT		A1411	2A0
A151A	I	016	(R)1/1 TO CONN CKT		A1511	3A7
	I	219				
A161A	I	117	TO CONN CKT		A1611	3A7
A171A	I	019	TO CONN CKT		A1711	3A6
CEA01A	01	102	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		CEA01	2H8
CEA11A	01	009	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		CEA11	2H8
CEA21A	01	109	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		CEA21	2H7
CS0A	I	201	TO CONN CKT		CSI0	3A3
FOBMT1A	I	216	(R)1/1 TO CONN CKT		TS111	3A4
	I	215				
GCA00A	01	106	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GCA00	2H6
GCA10A	01	104	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GCA10	2H6
GCA20A	01	004	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GCA20	2H5
GCA30A	01	008	1/2,(Z)1/3 (Z)1/4,(Z)1/5		GCA30	2H1

SYMBOL NO. 1 (CONT)

FANOUT BOARD 0

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FOB0	03-02	JK3	A	

FS INFO					CP NFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
			(Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14			
GCA40A	01	005	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GCA40	2H0
GCA50A	01	107	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GCA50	2H0
GCS0A	01	003	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GCS0	3H3
GRA00A	01	007	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GRA00	2H5
GRA10A	01	105	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GRA10	2H4
GRA20A	01	006	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GRA20	2H3
GRA30A	01	103	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GRA30	2H2
GRA40A	01	101	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GRA40	2H2
GRA50A	01	002	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GRA50	2H1
GRW0A	01	001	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		GRW0	3H2

SYMBOL NO. 1 (CONT)

FANOUT BOARD 0

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FOB0	03-02	JK3	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
HA	I	318	(V)1/3,(T,V)1/2 (V)1/4,(V)1/5 (V)1/6,(T,V)1/7 (T,V)1/8,(T,V)1/9 (T,V)1/10,(T,V)1/11 (T,V)1/12,(T,V)1/13 (T,V)1/14			
HB	I	317	(V)1/3,(T,V)1/2 (V)1/4,(V)1/5 (V)1/6,(T,V)1/7 (T,V)1/8,(T,V)1/9 (T,V)1/10,(T,V)1/11 (T,V)1/12,(T,V)1/13 (T,V)1/14			
HC	I	316	(V)1/3,(T,V)1/2 (V)1/4,(V)1/5 (V)1/6,(T,V)1/7 (T,V)1/8,(T,V)1/9 (T,V)1/10,(T,V)1/11 (T,V)1/12,(T,V)1/13 (T,V)1/14			
HD	I	315	(V)1/3,(T,V)1/2 (V)1/4,(V)1/5 (V)1/6,(T,V)1/7 (T,V)1/8,(T,V)1/9 (T,V)1/10,(T,V)1/11 (T,V)1/12,(T,V)1/13 (T,V)1/14			
MEN1A	0	310	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		MEN1	3H2
MSEL00	0	311	TO CONN CKT		MSEL0	3H1
MSEL00A	01	115	TO CONN CKT		MSEL00	3H8
MSEL01A	0	015	TO CONN CKT		MSEL01	3H7
MSEL10A	01	017	TO CONN CKT		MSEL10	3H7
MSEL11A	0	116	TO CONN CKT		MSEL11	3H7
MSEL20A	01	118	TO CONN CKT		MSEL20	3H7
MSEL21A	0	018	TO CONN CKT		MSEL21	3H6
REFM0A	I	214	TO CONN CKT		REFI0	3A0
REF0A	01	108	1/2,(Z)1/3 (Z)1/4,(Z)1/5 (Z)1/6,1/7 1/8,1/9 1/10,1/11 1/12,1/13 1/14		REF0	3H0
RSEL01	0	013	TO CONN CKT		RSEL1	3H1
RW0A	I	300	TO CONN CKT		RWI0	3A2
SELCSCA	0	210	TO CONN CKT		SELCS0	3H3
SELRW0A	0	205	TO CONN CKT		SELRW0	3H3
SEL01A	I	113	TO CONN CKT		SEL011	3A1
SEL11A	I	114	TO CONN CKT		SEL111	3A1
SEL21A	I	014	TO CONN CKT		SEL211	3A1
TIMACT0A	I	313	TO CONN CKT		MODTIMI0	3A2
UNSLER0A	0	211	TO CONN CKT		UNSELER0	3H5
V1	I	314				
V2	I	312				
0GRDMOD	GRD	0GD			GRD	3H9
	GRD	2GD			GRD	3H9
	GRD	200			GRD	3H9
	GRD	304				
	GRD	319			GRD	3H9
5V	PWR	000			+5	3H9
	PWR	119			+5	3H9

SYMBOL NO. 2

MEMORY PLANE 0
DATA BITS PH AND PL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP0PH.PL	03-17	JL2	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01A	I	202	1/1		CEA011	2D0
CEA11A	I	009	1/1		CEA111	2C0
CEA21A	I	209	1/1		CEA211	2C0
GCA00A	I	206	1/1		CA010	2F0
GCA10A	I	204	1/1		CA110	2F0
GCA20A	I	004	1/1		CA210	2F0
GCA30A	I	008	1/1		CA310	2F0
GCA40A	I	005	1/1		CA410	2F0
GCA50A	I	207	1/1		CA510	2F0
GCS0A	I	003	1/1		CEI0	2F0
GRA00A	I	007	1/1		RA010	2H0
GRA10A	I	205	1/1		RA110	2H0
GRA20A	I	006	1/1		RA210	2H0
GRA30A	I	203	1/1		RA310	2G0
GRA40A	I	201	1/1		RA410	2G0
GRA50A	I	002	1/1		RA510	2G0
GRW0A	I	001	1/1		RWI0	2A9
HA	I	018	(T,V)1/1			
HB	I	017	(T,V)1/1			
HC	I	016	(T,V)1/1			
HD	I	015	(T,V)1/1			
MEN1A	I	014	1/1		MEN1	2A9
RDDPH0A	0	212	(Y,Z)TO CONN CKT		RDD10	2G9
RDDPL0A	0	214	TO CONN CKT		RDD00	2G8
REF0A	I	208	1/1		REFI0	2E0
WRTDPH0A	I	216	TO CONN CKT		WRTD110	2A9
WRTDPL0A	I	218	TO CONN CKT		WRTD010	2A8
0GRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	100			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

PART OF FS 1
SYMBOL(S) 1 2

MAIN STORE MEMORY	DWG SIZE C2	ISSUE 2D
BELL LABORATORIES	SD-1C903-02	81CA

PRINTED IN U. S. A. 08/02/77

PART OF FS 1

MEMORY

SYMBOL NO. 3

MEMORY PLANE 0
DATA BITS 23 AND 19

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP023.19	03-16	JL2	A	

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01A	I	202	1/1		CEA011	2D0
CEA11A	I	009	1/1		CEA111	2C0
CEA21A	I	209	1/1		CEA211	2C0
GCA00A	I	206	1/1		CA010	2F0
GCA10A	I	204	1/1		CA110	2F0
GCA20A	I	004	1/1		CA210	2F0
GCA30A	I	008	1/1		CA310	2F0
GCA40A	I	005	1/1		CA410	2F0
GCA50A	I	207	1/1		CA510	2F0
GCS0A	I	003	1/1		CE10	2F0
GRA00A	I	007	1/1		RA010	2H0
GRA10A	I	205	1/1		RA110	2H0
GRA20A	I	006	1/1		RA210	2H0
GRA30A	I	203	1/1		RA310	2G0
GRA40A	I	201	1/1		RA410	2G0
GRA50A	I	002	1/1		RA510	2G0
GRW0A	I	001	1/1		RW10	2A9
HA	I	018	(T,V)1/1			
HB	I	017	(T,V)1/1			
HC	I	016	(T,V)1/1			
HD	I	015	(T,V)1/1			
MEN1A	I	014	1/1		MEN1	2A9
RDD190A	O	214	(Z) TO CONN CKT		RDD00	2G8
RDD230A	O	212	(Z) TO CONN CKT		RDD10	2G9
REF0A	I	208	1/1		REF10	2E0
WRTD190A	I	218	(Z) TO CONN CKT		WRTD010	2A8
WRTD230A	I	216	(Z) TO CONN CKT		WRTD110	2A9
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 4

MEMORY PLANE 0
DATA BITS 22 AND 18

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP022.18	03-14	JLZ	A	

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01A	I	202	1/1		CEA011	2D0
CEA11A	I	009	1/1		CEA111	2C0
CEA21A	I	209	1/1		CEA211	2C0
GCA00A	I	206	1/1		CA010	2F0
GCA10A	I	204	1/1		CA110	2F0
GCA20A	I	004	1/1		CA210	2F0
GCA30A	I	008	1/1		CA310	2F0
GCA40A	I	005	1/1		CA410	2F0
GCA50A	I	207	1/1		CA510	2F0
GCS0A	I	003	1/1		CE10	2F0
GRA00A	I	007	1/1		RA010	2H0
GRA10A	I	205	1/1		RA110	2H0
GRA20A	I	006	1/1		RA210	2H0
GRA30A	I	203	1/1		RA310	2G0
GRA40A	I	201	1/1		RA410	2G0
GRA50A	I	002	1/1		RA510	2G0
GRW0A	I	001	1/1		RW10	2A9
HA	I	018	(T,V)1/1			
HB	I	017	(T,V)1/1			
HC	I	016	(T,V)1/1			
HD	I	015	(T,V)1/1			
MEN1A	I	014	1/1		MEN1	2A9
RDD180A	O	214	(Z) TO CONN CKT		RDD00	2G8
RDD220A	O	212	(Z) TO CONN CKT		RDD10	2G9
REF0A	I	208	1/1		REF10	2E0
WRTD180A	I	218	(Z) TO CONN CKT		WRTD010	2A8
WRTD220A	I	216	(Z) TO CONN CKT		WRTD110	2A9
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 5

MEMORY PLANE 0
DATA BITS 21 AND 17

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP021.17	03-13	JLZ	A	

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01A	I	202	1/1		CEA011	2D0
CEA11A	I	009	1/1		CEA111	2C0
CEA21A	I	209	1/1		CEA211	2C0
GCA00A	I	206	1/1		CA010	2F0
GCA10A	I	204	1/1		CA110	2F0
GCA20A	I	004	1/1		CA210	2F0
GCA30A	I	008	1/1		CA310	2F0
GCA40A	I	005	1/1		CA410	2F0
GCA50A	I	207	1/1		CA510	2F0
GCS0A	I	003	1/1		CE10	2F0
GRA00A	I	007	1/1		RA010	2H0
GRA10A	I	205	1/1		RA110	2H0
GRA20A	I	006	1/1		RA210	2H0
GRA30A	I	203	1/1		RA310	2G0
GRA40A	I	201	1/1		RA410	2G0
GRA50A	I	002	1/1		RA510	2G0
GRW0A	I	001	1/1		RW10	2A9
HA	I	018	(T,V)1/1			
HB	I	017	(T,V)1/1			
HC	I	016	(T,V)1/1			
HD	I	015	(T,V)1/1			
MEN1A	I	014	1/1		MEN1	2A9
RDD170A	O	214	(Z) TO CONN CKT		RDD00	2G8
RDD210A	O	212	(Z) TO CONN CKT		RDD10	2G9
REF0A	I	208	1/1		REF10	2E0
WRTD170A	I	218	(Z) TO CONN CKT		WRTD010	2A8
WRTD210A	I	216	(Z) TO CONN CKT		WRTD110	2A9
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 6

MEMORY PLANE 0
DATA BITS 20 AND 16

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP020.16	03-12	JL2	A	

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01A	I	202	1/1		CEA011	2D0
CEA11A	I	009	1/1		CEA111	2C0
CEA21A	I	209	1/1		CEA211	2C0
GCA00A	I	206	1/1		CA010	2F0
GCA10A	I	204	1/1		CA110	2F0
GCA20A	I	004	1/1		CA210	2F0
GCA30A	I	008	1/1		CA310	2F0
GCA40A	I	005	1/1		CA410	2F0
GCA50A	I	207	1/1		CA510	2F0
GCS0A	I	003	1/1		CE10	2F0
GRA00A	I	007	1/1		RA010	2H0
GRA10A	I	205	1/1		RA110	2H0
GRA20A	I	006	1/1		RA210	2H0
GRA30A	I	203	1/1		RA310	2G0
GRA40A	I	201	1/1		RA410	2G0
GRA50A	I	002	1/1		RA510	2G0
GRW0A	I	001	1/1		RW10	2A9
HA	I	018	(T,V)1/1			
HB	I	017	(T,V)1/1			
HC	I	016	(T,V)1/1			
HD	I	015	(T,V)1/1			
MEN1A	I	014	1/1		MEN1	2A9
RDD160A	O	214	(Z) TO CONN CKT		RDD00	2G8
RDD200A	O	212	(Z) TO CONN CKT		RDD10	2G9
REF0A	I	208	1/1		REF10	2E0
WRTD160A	I	218	(Z) TO CONN CKT		WRTD010	2A8
WRTD200A	I	216	(Z) TO CONN CKT		WRTD110	2A9
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

PART OF FS 1
SYMBOL(S) 3 4 5 6

MAIN STORE MEMORY

DWG SIZE C2 | ISSUE 2D

BELL LABORATORIES | SD-1C903-02 | B1CB

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08/02/77

PART OF FS 1

MEMORY

SYMBOL NO. 7

MEMORY PLANE 0
DATA BITS 15 AND 07

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP015.07	03-11	JL2	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE
-5V	PWR	019		
CEA01A	I	Z02	1/1	
CEA11A	I	009	1/1	
CEA21A	I	Z09	1/1	
GCA00A	I	Z06	1/1	
GCA10A	I	Z04	1/1	
GCA20A	I	004	1/1	
GCA30A	I	008	1/1	
GCA40A	I	005	1/1	
GCA50A	I	Z07	1/1	
GCS0A	I	003	1/1	
GRA00A	I	007	1/1	
GRA10A	I	Z05	1/1	
GRA20A	I	006	1/1	
GRA30A	I	Z03	1/1	
GRA40A	I	Z01	1/1	
GRA50A	I	002	1/1	
GRW0A	I	001	1/1	
HA	I	018	(T,V)1/1	
HB	I	017	(T,V)1/1	
HC	I	016	(T,V)1/1	
HD	I	015	(T,V)1/1	
MEN1A	I	014	1/1	
RDD070A	O	Z14	TO CONN CKT	
RDD150A	O	Z12	TO CONN CKT	
REF0A	I	Z08	1/1	
WRTD070A	I	Z18	TO CONN CKT	
WRTD150A	I	Z16	TO CONN CKT	
OGRDMOD	GRD	0GD		
	GRD	2GD		
	GRD	Z00		
	GRD	Z13		
	GRD	Z15		
	GRD	Z17		
	GRD	Z19		
12V	PWR	000		
5V	PWR	011		
	PWR	Z11		

CP INFO

TERM. MOD	LOC
-5	3B0
CEA011	2D0
CEA111	2C0
CEA211	2C0
CA010	2F0
CA110	2F0
CA210	2F0
CA310	2F0
CA410	2F0
CA510	2F0
CE10	2F0
RA010	2H0
RA110	2H0
RA210	2H0
RA310	2G0
RA410	2G0
RA510	2G0
RWI0	2A9
MEN1	2A9
RDD00	2G8
RDD10	2G9
REFI0	2E0
WRTD010	2A8
WRTD110	2A9
GRD	3D0
GRD	3D0
GRD	3G0
GRD	2G8
GRD	2G8
GRD	2A8
GRD	3A0
+12	3F0
+5	3C0
+5	3C0

SYMBOL NO. 8

MEMORY PLANE 0
DATA BITS 14 AND 06

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP014.06	03-10	JL2	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE
-5V	PWR	019		
CEA01A	I	Z02	1/1	
CEA11A	I	009	1/1	
CEA21A	I	Z09	1/1	
GCA00A	I	Z06	1/1	
GCA10A	I	Z04	1/1	
GCA20A	I	004	1/1	
GCA30A	I	008	1/1	
GCA40A	I	005	1/1	
GCA50A	I	Z07	1/1	
GCS0A	I	003	1/1	
GRA00A	I	007	1/1	
GRA10A	I	Z05	1/1	
GRA20A	I	006	1/1	
GRA30A	I	Z03	1/1	
GRA40A	I	Z01	1/1	
GRA50A	I	002	1/1	
GRW0A	I	001	1/1	
HA	I	018	(T,V)1/1	
HB	I	017	(T,V)1/1	
HC	I	016	(T,V)1/1	
HD	I	015	(T,V)1/1	
MEN1A	I	014	1/1	
RDD060A	O	Z14	TO CONN CKT	
RDD140A	O	Z12	TO CONN CKT	
REF0A	I	Z08	1/1	
WRTD060A	I	Z18	TO CONN CKT	
WRTD140A	I	Z16	TO CONN CKT	
OGRDMOD	GRD	0GD		
	GRD	2GD		
	GRD	Z00		
	GRD	Z13		
	GRD	Z15		
	GRD	Z17		
	GRD	Z19		
12V	PWR	000		
5V	PWR	011		
	PWR	Z11		

CP INFO

TERM. MOD	LOC
-5	3B0
CEA011	2D0
CEA111	2C0
CEA211	2C0
CA010	2F0
CA110	2F0
CA210	2F0
CA310	2F0
CA410	2F0
CA510	2F0
CE10	2F0
RA010	2H0
RA110	2H0
RA210	2H0
RA310	2G0
RA410	2G0
RA510	2G0
RWI0	2A9
MEN1	2A9
RDD00	2G8
RDD10	2G9
REFI0	2E0
WRTD010	2A8
WRTD110	2A9
GRD	3D0
GRD	3D0
GRD	3G0
GRD	2G8
GRD	2G8
GRD	2A8
GRD	3A0
+12	3F0
+5	3C0
+5	3C0

SYMBOL NO. 9

MEMORY PLANE 0
DATA BITS 13 AND 05

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP013.05	03-09	JL2	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE
-5V	PWR	019		
CEA01A	I	Z02	1/1	
CEA11A	I	009	1/1	
CEA21A	I	Z09	1/1	
GCA00A	I	Z06	1/1	
GCA10A	I	Z04	1/1	
GCA20A	I	004	1/1	
GCA30A	I	008	1/1	
GCA40A	I	005	1/1	
GCA50A	I	Z07	1/1	
GCS0A	I	003	1/1	
GRA00A	I	007	1/1	
GRA10A	I	Z05	1/1	
GRA20A	I	006	1/1	
GRA30A	I	Z03	1/1	
GRA40A	I	Z01	1/1	
GRA50A	I	002	1/1	
GRW0A	I	001	1/1	
HA	I	018	(T,V)1/1	
HB	I	017	(T,V)1/1	
HC	I	016	(T,V)1/1	
HD	I	015	(T,V)1/1	
MEN1A	I	014	1/1	
RDD050A	O	Z14	TO CONN CKT	
RDD130A	O	Z12	TO CONN CKT	
REF0A	I	Z08	1/1	
WRTD050A	I	Z18	TO CONN CKT	
WRTD130A	I	Z16	TO CONN CKT	
OGRDMOD	GRD	0GD		
	GRD	2GD		
	GRD	Z00		
	GRD	Z13		
	GRD	Z15		
	GRD	Z17		
	GRD	Z19		
12V	PWR	000		
5V	PWR	011		
	PWR	Z11		

CP INFO

TERM. MOD	LOC
-5	3B0
CEA011	2D0
CEA111	2C0
CEA211	2C0
CA010	2F0
CA110	2F0
CA210	2F0
CA310	2F0
CA410	2F0
CA510	2F0
CE10	2F0
RA010	2H0
RA110	2H0
RA210	2H0
RA310	2G0
RA410	2G0
RA510	2G0
RWI0	2A9
MEN1	2A9
RDD00	2G8
RDD10	2G9
REFI0	2E0
WRTD010	2A8
WRTD110	2A9
GRD	3D0
GRD	3D0
GRD	3G0
GRD	2G8
GRD	2G8
GRD	2A8
GRD	3A0
+12	3F0
+5	3C0
+5	3C0

SYMBOL NO. 10

MEMORY PLANE 0
DATA BITS 12 AND 04

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP012.0+	03-08	JL2	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE
-5V	PWR	019		
CEA01A	I	Z02	1/1	
CEA11A	I	009	1/1	
CEA21A	I	Z09	1/1	
GCA00A	I	Z06	1/1	
GCA10A	I	Z04	1/1	
GCA20A	I	004	1/1	
GCA30A	I	008	1/1	
GCA40A	I	005	1/1	
GCA50A	I	Z07	1/1	
GCS0A	I	003	1/1	
GRA00A	I	007	1/1	
GRA10A	I	Z05	1/1	
GRA20A	I	006	1/1	
GRA30A	I	Z03	1/1	
GRA40A	I	Z01	1/1	
GRA50A	I	002	1/1	
GRWGA	I	001	1/1	
HA	I	018	(T,V)1/1	
HB	I	017	(T,V)1/1	
HC	I	016	(T,V)1/1	
HD	I	015	(T,V)1/1	
MEN1A	I	014	1/1	
RDD040A	O	Z14	TO CONN CKT	
RDD120A	O	Z12	TO CONN CKT	
REF0A	I	Z08	1/1	
WRTD040A	I	Z18	TO CONN CKT	
WRTD120A	I	Z16	TO CONN CKT	
OGRDMOD	GRD	0GD		
	GRD	2GD		
	GRD	Z00		
	GRD	Z13		
	GRD	Z15		
	GRD	Z17		
	GRD	Z19		
12V	PWR	000		
5V	PWR	011		
	PWR	Z11		

CP INFO

TERM. MOD	LOC
-5	3B0
CEA011	2D0
CEA111	2C0
CEA211	2C0
CA010	2F0
CA110	2F0
CA210	2F0
CA310	2F0
CA410	2F0
CA510	2F0
CE10	2F0
RA010	2H0
RA110	2H0
RA210	2H0
RA310	2G0
RA410	2G0
RA510	2G0
RWI0	2A9
MEN1	2A9
RDD00	2G8
RDD10	2G9
REFI0	2E0
WRTD010	2A8
WRTD110	2A9
GRD	3D0
GRD	3D0
GRD	3G0
GRD	2G8
GRD	2G8
GRD	2A8
GRD	3A0
+12	3F0
+5	3C0
+5	3C0

PART OF FS 1
SYMBOL(S) 7 8 9 10

MAIN STORE MEMORY	DWG SIZE C2	ISSUE 2D
BELL LABORATORIES	SD-1C903-02	B1CC

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08702777

PART OF FS 1

MEMORY

SYMBOL NO. 11

MEMORY PLANE 0
DATA BITS 11 AND 03

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP011.03	03-07	JL2	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA11A	I	202	1/1		CEA011	2D0
CEA11A	I	009	1/1		CEA111	2C0
CEA21A	I	209	1/1		CEA211	2C0
GCA00A	I	206	1/1		CA010	2F0
GCA10A	I	204	1/1		CA110	2F0
GCA20A	I	004	1/1		CAZ10	2F0
GCA30A	I	008	1/1		CA310	2F0
GCA40A	I	005	1/1		CA410	2F0
GCA50A	I	207	1/1		CA510	2F0
GCS0A	I	003	1/1		CE10	2F0
GRA00A	I	007	1/1		RA010	2H0
GRA10A	I	205	1/1		RA110	2H0
GRA20A	I	006	1/1		RA210	2H0
GRA30A	I	203	1/1		RA310	2G0
GRA40A	I	201	1/1		RA410	2G0
GRA50A	I	002	1/1		RA510	2G0
GRW0A	I	001	1/1		RW10	2A9
HA	I	018	(T,V)1/1			
HB	I	017	(T,V)1/1			
HC	I	016	(T,V)1/1			
HD	I	015	(T,V)1/1			
MEN1A	I	014	1/1		MEN1	2A9
RDD030A	O	214	TO CONN CKT		RDD00	2G8
RDD110A	O	212	TO CONN CKT		RDD10	2G9
REF0A	I	208	1/1		REF10	2E0
WRTD030A	I	218	TO CONN CKT		WRTD010	2A8
WRTD110A	I	216	TO CONN CKT		WRTD110	2A9
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 12

MEMORY PLANE 0
DATA BITS 10 AND 02

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP010.02	03-06	JL2	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01A	I	202	1/1		CEA011	2D0
CEA11A	I	009	1/1		CEA111	2C0
CEA21A	I	209	1/1		CEA211	2C0
GCA00A	I	206	1/1		CA010	2F0
GCA10A	I	204	1/1		CA110	2F0
GCA20A	I	004	1/1		CAZ10	2F0
GCA30A	I	008	1/1		CA310	2F0
GCA40A	I	005	1/1		CA410	2F0
GCA50A	I	207	1/1		CA510	2F0
GCS0A	I	003	1/1		CE10	2F0
GRA00A	I	007	1/1		RA010	2H0
GRA10A	I	205	1/1		RA110	2H0
GRA20A	I	006	1/1		RA210	2H0
GRA30A	I	203	1/1		RA310	2G0
GRA40A	I	201	1/1		RA410	2G0
GRA50A	I	002	1/1		RA510	2G0
GRW0A	I	001	1/1		RW10	2A9
HA	I	018	(T,V)1/1			
HB	I	017	(T,V)1/1			
HC	I	016	(T,V)1/1			
HD	I	015	(T,V)1/1			
MEN1A	I	014	1/1		MEN1	2A9
RDD020A	O	214	TO CONN CKT		RDD00	2G8
RDD100A	O	212	TO CONN CKT		RDD10	2G9
REF0A	I	208	1/1		REF10	2E0
WRTD020A	I	218	TO CONN CKT		WRTD010	2A8
WRTD100A	I	216	TO CONN CKT		WRTD110	2A9
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 13

MEMORY PLANE 0
DATA BITS 09 AND 01

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP009.01	03-05	JL2	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01A	I	202	1/1		CEA011	2D0
CEA11A	I	009	1/1		CEA111	2C0
CEA21A	I	209	1/1		CEA211	2C0
GCA00A	I	206	1/1		CA010	2F0
GCA10A	I	204	1/1		CA110	2F0
GCA20A	I	004	1/1		CAZ10	2F0
GCA30A	I	008	1/1		CA310	2F0
GCA40A	I	005	1/1		CA410	2F0
GCA50A	I	207	1/1		CA510	2F0
GCS0A	I	003	1/1		CE10	2F0
GRA00A	I	007	1/1		RA010	2H0
GRA10A	I	205	1/1		RA110	2H0
GRA20A	I	006	1/1		RA210	2H0
GRA30A	I	203	1/1		RA310	2G0
GRA40A	I	201	1/1		RA410	2G0
GRA50A	I	002	1/1		RA510	2G0
GRW0A	I	001	1/1		RW10	2A9
HA	I	018	(T,V)1/1			
HB	I	017	(T,V)1/1			
HC	I	016	(T,V)1/1			
HD	I	015	(T,V)1/1			
MEN1A	I	014	1/1		MEN1	2A9
RDD010A	O	214	TO CONN CKT		RDD00	2G8
RDD090A	O	212	TO CONN CKT		RDD10	2G9
REF0A	I	208	1/1		REF10	2E0
WRTD010A	I	218	TO CONN CKT		WRTD010	2A8
WRTD090A	I	216	TO CONN CKT		WRTD110	2A9
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 14

MEMORY PLANE 0
DATA BITS 08 AND 00

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP008.00	03-04	JL2	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01A	I	202	1/1		CEA011	2D0
CEA11A	I	009	1/1		CEA111	2C0
CEA21A	I	209	1/1		CEA211	2C0
GCA00A	I	206	1/1		CA010	2F0
GCA10A	I	204	1/1		CA110	2F0
GCA20A	I	004	1/1		CAZ10	2F0
GCA30A	I	008	1/1		CA310	2F0
GCA40A	I	005	1/1		CA410	2F0
GCA50A	I	207	1/1		CA510	2F0
GCS0A	I	003	1/1		CE10	2F0
GRA00A	I	007	1/1		RA010	2H0
GRA10A	I	205	1/1		RA110	2H0
GRA20A	I	006	1/1		RA210	2H0
GRA30A	I	203	1/1		RA310	2G0
GRA40A	I	201	1/1		RA410	2G0
GRA50A	I	002	1/1		RA510	2G0
GRW0A	I	001	1/1		RW10	2A9
HA	I	018	(T,V)1/1			
HB	I	017	(T,V)1/1			
HC	I	016	(T,V)1/1			
HD	I	015	(T,V)1/1			
MEN1A	I	014	1/1		MEN1	2A9
RDD000A	O	214	TO CONN CKT		RDD00	2G8
RDD080A	O	212	TO CONN CKT		RDD10	2G9
REF0A	I	208	1/1		REF10	2E0
WRTD000A	I	218	TO CONN CKT		WRTD010	2A8
WRTD080A	I	216	TO CONN CKT		WRTD110	2A9
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

PART OF FS 1
SYMBOL(S) 11 12 13 14

MAIN STORE MEMORY	DWG SIZE C2	ISSUE 2D
BELL LABORATORIES	SD-1C903-02	B1CD

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08/02/77

PART OF FS 1

MEMORY

SYMBOL NO. 15

FANOUT BOARD 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FOB1	03-33	JK3	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	CP INFO TERM. MOD	CP INFO LOC
APER0B	O	212	TO CONN CKT		TAPER0	2H9
AP17.81B	I	303	TO CONN CKT		AP17.811	3A5
AP7.01B	I	204	(R)1/15 TO CONN CKT		AP7.011	2A2
	I	202				
A00B	I	010	TO CONN CKT		A0011	2A8
A01B	I	112	TO CONN CKT		A0111	2A8
A02B	I	011	TO CONN CKT		A0211	2A7
A03B	I	111	TO CONN CKT		A0311	2A6
A04B	I	207	TO CONN CKT		A0411	2A6
A05B	I	012	TO CONN CKT		A0511	2A5
A06B	I	306	TO CONN CKT		A0611	2A5
A07B	I	208	(R)1/15 TO CONN CKT		A0711	2A4
	I	215				
A08B	I	309	TO CONN CKT		A0811	2A3
A09B	I	307	TO CONN CKT		A0911	2A2
A10B	I	305	TO CONN CKT		A1011	2A2
A11B	I	206	(R)1/15 TO CONN CKT		A1111	2A1
	I	304				
A12B	I	110	(R)1/15 TO CONN CKT		A1211	2A1
	I	213				
A13B	I	308	TO CONN CKT		A1311	2A0
A14B	I	209	TO CONN CKT		A1411	2A0
A15B	I	016	TO CONN CKT		A1511	3A7
A16B	I	117	TO CONN CKT		A1611	3A7
A17B	I	019	TO CONN CKT		A1711	3A6
CEA0B	OI	102	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		CEA01	2H8
CEA1B	OI	009	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		CEA11	2H8
CEA2B	OI	109	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		CEA21	2H7
CS0B	I	201	TO CONN CKT		CS10	3A3
FOBMT1B	I	216	TO CONN CKT		TSI11	3A4
GCA00B	OI	106	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GCA00	2H6
GCA10B	OI	104	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GCA10	2H6
GCA20B	OI	004	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25		GCA20	2H5

SYMBOL NO. 15 (CONT)

FANOUT BOARD 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FOB1	03-33	JK3	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	CP INFO TERM. MOD	CP INFO LOC
			1/26,1/27 1/28			
GCA30B	OI	008	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GCA30	2H1
GCA40B	OI	005	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GCA40	2H0
GCA50B	OI	107	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GCA50	2H0
GCS0B	OI	003	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GCS0	3H3
GRA00B	OI	007	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GRA00	2H5
GRA10B	OI	105	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GRA10	2H4
GRA20B	OI	006	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GRA20	2H3
GRA30B	OI	103	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GRA30	2H2
GRA40B	OI	101	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GRA40	2H2
GRA50B	OI	002	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		GRA50	2H1
GRDA	GRD	319	2/1		GRD	3H9
GRW0B	OI	001	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23		GRW0	3H2

SYMBOL NO. 15 (CONT)

FANOUT BOARD 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FOB1	03-33	JK3	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	CP INFO TERM. MOD	CP INFO LOC
			1/24,1/25 1/26,1/27 1/28			
HE	I	318	(V)1/17,(T,V)1/16 (V)1/18,(V)1/19 (V)1/20,(T,V)1/21 (T,V)1/22,(T,V)1/23 (T,V)1/24,(T,V)1/25 (T,V)1/26,(T,V)1/27 (T,V)1/28			
HF	I	317	(V)1/17,(T,V)1/16 (V)1/18,(V)1/19 (V)1/20,(T,V)1/21 (T,V)1/22,(T,V)1/23 (T,V)1/24,(T,V)1/25 (T,V)1/26,(T,V)1/27 (T,V)1/28			
HG	I	316	(V)1/17,(T,V)1/16 (V)1/18,(V)1/19 (V)1/20,(T,V)1/21 (T,V)1/22,(T,V)1/23 (T,V)1/24,(T,V)1/25 (T,V)1/26,(T,V)1/27 (T,V)1/28			
HH	I	315	(V)1/17,(T,V)1/16 (V)1/18,(V)1/19 (V)1/20,(T,V)1/21 (T,V)1/22,(T,V)1/23 (T,V)1/24,(T,V)1/25 (T,V)1/26,(T,V)1/27 (T,V)1/28			
MEN1B	O	310	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		MEN1	3H2
MSEL00B	OI	115	TO CONN CKT		MSEL00	3H8
MSEL01B	O	015	TO CONN CKT		MSEL01	3H7
MSEL10	O	311	TO CONN CKT		MSEL0	3H1
MSEL10B	OI	017	TO CONN CKT		MSEL10	3H7
MSEL11B	O	116	TO CONN CKT		MSEL11	3H7
MSEL20B	OI	118	TO CONN CKT		MSEL20	3H7
MSEL21B	O	018	TO CONN CKT		MSEL21	3H6
REFMD0B	I	214	TO CONN CKT		REF10	3A0
REF0B	OI	108	1/16,(Z)1/17 (Z)1/18,(Z)1/19 (Z)1/20,1/21 1/22,1/23 1/24,1/25 1/26,1/27 1/28		REF0	3H0
RSEL11	O	013	TO CONN CKT		RSEL1	3H1
RW0B	I	300	TO CONN CKT		RW10	3A2
SELCS0B	O	210	TO CONN CKT		SELCS0	3H3
SELRW0B	O	205	TO CONN CKT		SELRW0	3H3
SEL01B	I	113	TO CONN CKT		SEL011	3A1
SEL11B	I	114	TO CONN CKT		SEL111	3A1
SEL21B	I	014	TO CONN CKT		SEL211	3A1
TIMACT0B	I	313	TO CONN CKT		MODTIMI0	3A2
UNSLER0B	O	211	TO CONN CKT		UNSELER0	3H5
V3	I	314				
V4	I	312				
0GRDMOD	GRD	0GD			GRD	3H9
	GRD	2GD			GRD	3H9
	GRD	200			GRD	3H9
	GRD	319			GRD	3H9
5V	PWR	000			+5	3H9

SYMBOL NO. 15 (CONT)

FANOUT BOARD 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FOB1	03-33	JK3	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	CP INFO TERM. MOD	CP INFO LOC
5V	PWR	119			+5	3H9

PART OF FS 1
SYMBOL(S) 15

MAIN STORE MEMORY	DWG SIZE C2	ISSUE 2D
BELL LABORATORIES SD-1C903-02		B1CE

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PART OF FS 1

MEMORY

SYMBOL NO. 16

MEMORY PLANE 1
DATA BITS PH AND PL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP1PH.PL	03-18	JL2	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01B	I	202	1/15		CEA011	2D0
CEA11B	I	009	1/15		CEA111	2C0
CEA21B	I	209	1/15		CEA211	2C0
GCA00B	I	206	1/15		CA010	2F0
GCA10B	I	204	1/15		CA110	2F0
GCA20B	I	004	1/15		CA210	2F0
GCA30B	I	008	1/15		CA310	2F0
GCA40B	I	005	1/15		CA410	2F0
GCA50B	I	207	1/15		CA510	2F0
GCS0B	I	003	1/15		CE10	2F0
GRA00B	I	007	1/15		RA010	2H0
GRA10B	I	205	1/15		RA110	2H0
GRA20B	I	006	1/15		RA210	2H0
GRA30B	I	203	1/15		RA310	2G0
GRA40B	I	201	1/15		RA410	2G0
GRA50B	I	002	1/15		RA510	2G0
GRW0B	I	001	1/15		RW10	2A9
HE	I	018	(T,V)1/15			
HF	I	017	(T,V)1/15			
HG	I	016	(T,V)1/15			
HH	I	015	(T,V)1/15			
MEN1B	I	014	1/15		MEN1	2A9
RDDPH0B	O	212	TO CONN CKT		RDD10	2G9
RDDPL0B	O	214	TO CONN CKT		RDD00	2G8
REF0B	I	208	1/15		REF10	2E0
WRTDPH0B	I	216	TO CONN CKT		WRTD110	2A9
WRTDPL0B	I	218	TO CONN CKT		WRTD010	2A8
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 17

MEMORY PLANE 1
DATA BITS 23 AND 19

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP123.19	03-19	JL2	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01B	I	202	1/15		CEA011	2D0
CEA11B	I	009	1/15		CEA111	2C0
CEA21B	I	209	1/15		CEA211	2C0
GCA00B	I	206	1/15		CA010	2F0
GCA10B	I	204	1/15		CA110	2F0
GCA20B	I	004	1/15		CA210	2F0
GCA30B	I	008	1/15		CA310	2F0
GCA40B	I	005	1/15		CA410	2F0
GCA50B	I	207	1/15		CA510	2F0
GCS0B	I	003	1/15		CE10	2F0
GRA00B	I	007	1/15		RA010	2H0
GRA10B	I	205	1/15		RA110	2H0
GRA20B	I	006	1/15		RA210	2H0
GRA30B	I	203	1/15		RA310	2G0
GRA40B	I	201	1/15		RA410	2G0
GRA50B	I	002	1/15		RA510	2G0
GRW0B	I	001	1/15		RW10	2A9
HE	I	018	(T,V)1/15			
HF	I	017	(T,V)1/15			
HG	I	016	(T,V)1/15			
HH	I	015	(T,V)1/15			
MEN1B	I	014	1/15		MEN1	2A9
RDD190B	O	214	(Z) TO CONN CKT		RDD00	2G8
RDD230B	O	212	(Z) TO CONN CKT		RDD10	2G9
REF0B	I	208	1/15		REF10	2E0
WRTD190B	I	218	(Z) TO CONN CKT		WRTD010	2A8
WRTD230B	I	216	(Z) TO CONN CKT		WRTD110	2A9
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 18

MEMORY PLANE 1
DATA BITS 22 AND 18

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP122.18	03-20	JL2	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01B	I	202	1/15		CEA011	2D0
CEA11B	I	009	1/15		CEA111	2C0
CEA21B	I	209	1/15		CEA211	2C0
GCA00B	I	206	1/15		CA010	2F0
GCA10B	I	204	1/15		CA110	2F0
GCA20B	I	004	1/15		CA210	2F0
GCA30B	I	008	1/15		CA310	2F0
GCA40B	I	005	1/15		CA410	2F0
GCA50B	I	207	1/15		CA510	2F0
GCS0B	I	003	1/15		CE10	2F0
GRA00B	I	007	1/15		RA010	2H0
GRA10B	I	205	1/15		RA110	2H0
GRA20B	I	006	1/15		RA210	2H0
GRA30B	I	203	1/15		RA310	2G0
GRA40B	I	201	1/15		RA410	2G0
GRA50B	I	002	1/15		RA510	2G0
GRW0B	I	001	1/15		RW10	2A9
HE	I	018	(T,V)1/15			
HF	I	017	(T,V)1/15			
HG	I	016	(T,V)1/15			
HH	I	015	(T,V)1/15			
MEN1B	I	014	1/15		MEN1	2A9
RDD180B	O	214	(Z) TO CONN CKT		RDD00	2G8
RDD220B	O	212	(Z) TO CONN CKT		RDD10	2G9
REF0B	I	208	1/15		REF10	2E0
WRTD180B	I	218	(Z) TO CONN CKT		WRTD010	2A8
WRTD220B	I	216	(Z) TO CONN CKT		WRTD110	2A9
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 19

MEMORY PLANE 1
DATA BITS 21 AND 17

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP121.17	03-21	JL2	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01B	I	202	1/15		CEA011	2D0
CEA11B	I	009	1/15		CEA111	2C0
CEA21B	I	209	1/15		CEA211	2C0
GCA00B	I	206	1/15		CA010	2F0
GCA10B	I	204	1/15		CA110	2F0
GCA20B	I	004	1/15		CA210	2F0
GCA30B	I	008	1/15		CA310	2F0
GCA40B	I	005	1/15		CA410	2F0
GCA50B	I	207	1/15		CA510	2F0
GCS0B	I	003	1/15		CE10	2F0
GRA00B	I	007	1/15		RA010	2H0
GRA10B	I	205	1/15		RA110	2H0
GRA20B	I	006	1/15		RA210	2H0
GRA30B	I	203	1/15		RA310	2G0
GRA40B	I	201	1/15		RA410	2G0
GRA50B	I	002	1/15		RA510	2G0
GRW0B	I	001	1/15		RW10	2A9
HE		018	(T,V)1/15			
HF		017	(T,V)1/15			
HG		016	(T,V)1/15			
HH	I	015	(T,V)1/15			
MEN1B	I	014	1/15		MEN1	2A9
RDD170B	O	214	(Z) TO CONN CKT		RDD00	2G8
RDD210B	O	212	(Z) TO CONN CKT		RDD10	2G9
REF0B	I	208	1/15		REF10	2E0
WRTD170B	I	218	(Z) TO CONN CKT		WRTD010	2A8
WRTD210B	I	216	(Z) TO CONN CKT		WRTD110	2A9
OGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

PART OF FS 1
SYMBOL(S) 16 17 18 19

MAIN STORE MEMORY	DWG SIZE C2	ISSUE 2D
BELL LABORATORIES	SD-1C903-02	B1CF

PRINTED IN U. S. A. 08/02/77

PART OF FS 1

MEMORY

SYMBOL NO. 20

MEMORY PLANE 1
DATA BITS 20 AND 16

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP120.16	03-22	JLZ	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE
-5V	PWR	019		
CEA01B	I	202	1/15	
CEA11B	I	009	1/15	
CEA21B	I	209	1/15	
GCA00B	I	206	1/15	
GCA10B	I	204	1/15	
GCA20B	I	004	1/15	
GCA30B	I	008	1/15	
GCA40B	I	005	1/15	
GCA50B	I	207	1/15	
GCS0B	I	003	1/15	
GRA00B	I	007	1/15	
GRA10B	I	205	1/15	
GRA20B	I	006	1/15	
GRA30B	I	203	1/15	
GRA40B	I	201	1/15	
GRA50B	I	002	1/15	
GRW0B	I	001	1/15	
HE	I	018	(T,V)1/15	
HF	I	017	(T,V)1/15	
HG	I	016	(T,V)1/15	
HH	I	015	(T,V)1/15	
MEN1B	I	014	1/15	
RDD160B	O	214	(Z) TO CONN CKT	
RDD200B	O	212	(Z) TO CONN CKT	
REF0B	I	208	1/15	
WRTD160B	I	218	(Z) TO CONN CKT	
WRTD200B	I	216	(Z) TO CONN CKT	
OGRDMOD	GRD	0GD		
	GRD	2GD		
	GRD	200		
	GRD	213		
	GRD	215		
	GRD	217		
	GRD	219		
12V	PWR	000		
5V	PWR	011		
	PWR	211		

CP INFO

TERM. MOD	LOC
-5	3B0
CEA01I	2D0
CEA11I	2C0
CEA21I	2C0
CA010	2F0
CA110	2F0
CA210	2F0
CA310	2F0
CA410	2F0
CA510	2F0
CE10	2F0
RA010	2H0
RA110	2H0
RA210	2H0
RA310	2G0
RA410	2G0
RA510	2G0
RW10	2A9
MEN1	2A9
RDD00	2G8
RDD10	2G9
REF10	2E0
WRTD010	2A8
WRTD110	2A9
GRD	3D0
GRD	3D0
GRD	3G0
GRD	2G8
GRD	2G8
GRD	2A8
GRD	3A0
+12	3F0
+5	3C0
+5	3C0

SYMBOL NO. 21

MEMORY PLANE 1
DATA BITS 15 AND 07

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP115.07	03-23	JL2	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE
-5V	PWR	019		
CEA01B	I	202	1/15	
CEA11B	I	009	1/15	
CEA21B	I	209	1/15	
GCA00B	I	206	1/15	
GCA10B	I	204	1/15	
GCA20B	I	004	1/15	
GCA30B	I	008	1/15	
GCA40B	I	005	1/15	
GCA50B	I	207	1/15	
GCS0B	I	003	1/15	
GRA00B	I	007	1/15	
GRA10B	I	205	1/15	
GRA20B	I	006	1/15	
GRA30B	I	203	1/15	
GRA40B	I	201	1/15	
GRA50B	I	002	1/15	
GRW0B	I	001	1/15	
HE	I	018	(T,V)1/15	
HF	I	017	(T,V)1/15	
HG	I	016	(T,V)1/15	
HH	I	015	(T,V)1/15	
MEN1B	I	014	1/15	
RDD070B	O	214	TO CONN CKT	
RDD150B	O	212	TO CONN CKT	
REF0B	I	208	1/15	
WRTD07GB	I	218	TO CONN CKT	
WRTD150B	I	216	TO CONN CKT	
OGRDMOD	GRD	0GD		
	GRD	2GD		
	GRD	200		
	GRD	213		
	GRD	215		
	GRD	217		
	GRD	219		
12V	PWR	000		
5V	PWR	011		
	PWR	211		

CP INFO

TERM. MOD	LOC
-5	3B0
CEA01I	2D0
CEA11I	2C0
CEA21I	2C0
CA010	2F0
CA110	2F0
CA210	2F0
CA310	2F0
CA410	2F0
CA510	2F0
CE10	2F0
RA010	2H0
RA110	2H0
RA210	2H0
RA310	2G0
RA410	2G0
RA510	2G0
RW10	2A9
MEN1	2A9
RDD00	2G8
RDD10	2G9
REF10	2E0
WRTD010	2A8
WRTD110	2A9
GRD	3D0
GRD	3D0
GRD	3G0
GRD	2G8
GRD	2G8
GRD	2A8
GRD	3A0
+12	3F0
+5	3C0
+5	3C0

SYMBOL NO. 22

MEMORY PLANE 1
DATA BITS 14 AND 06

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP114.06	03-24	JLZ	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE
-5V	PWR	019		
CEA01B	I	202	1/15	
CEA11B	I	009	1/15	
CEA21B	I	209	1/15	
GCA00B	I	206	1/15	
GCA10B	I	204	1/15	
GCA20B	I	004	1/15	
GCA30B	I	008	1/15	
GCA40B	I	005	1/15	
GCA50B	I	207	1/15	
GCS0B	I	003	1/15	
GRA00B	I	007	1/15	
GRA10B	I	205	1/15	
GRA20B	I	006	1/15	
GRA30B	I	203	1/15	
GRA40B	I	201	1/15	
GRA50B	I	002	1/15	
GRW0B	I	001	1/15	
HE	I	018	(T,V)1/15	
HF	I	017	(T,V)1/15	
HG	I	016	(T,V)1/15	
HH	I	015	(T,V)1/15	
MEN1B	I	014	1/15	
RDD060B	O	214	TO CONN CKT	
RDD140B	O	212	TO CONN CKT	
REF0B	I	208	1/15	
WRTD060B	I	218	TO CONN CKT	
WRTD140B	I	216	TO CONN CKT	
OGRDMOD	GRD	0GD		
	GRD	2GD		
	GRD	200		
	GRD	213		
	GRD	215		
	GRD	217		
	GRD	219		
12V	PWR	000		
5V	PWR	011		
	PWR	211		

CP INFO

TERM. MOD	LOC
-5	3B0
CEA01I	2D0
CEA11I	2C0
CEA21I	2C0
CA010	2F0
CA110	2F0
CA210	2F0
CA310	2F0
CA410	2F0
CA510	2F0
CE10	2F0
RA010	2H0
RA110	2H0
RA210	2H0
RA310	2G0
RA410	2G0
RA510	2G0
RW10	2A9
MEN1	2A9
RDD00	2G8
RDD10	2G9
REF10	2E0
WRTD010	2A8
WRTD110	2A9
GRD	3D0
GRD	3D0
GRD	3G0
GRD	2G8
GRD	2G8
GRD	2A8
GRD	3A0
+12	3F0
+5	3C0
+5	3C0

SYMBOL NO. 23

MEMORY PLANE 1
DATA BITS 13 AND 05

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP113.05	03-25	JLZ	A	

FS INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE
-5V	PWR	019		
CEA01B	I	202	1/15	
CEA11B	I	009	1/15	
CEA21B	I	209	1/15	
GCA00B	I	206	1/15	
GCA10B	I	204	1/15	
GCA20B	I	004	1/15	
GCA30B	I	008	1/15	
GCA40B	I	005	1/15	
GCA50B	I	207	1/15	
GCS0B	I	003	1/15	
GRA00B	I	007	1/15	
GRA10B	I	205	1/15	
GRA20B	I	006	1/15	
GRA30B	I	203	1/15	
GRA40B	I	201	1/15	
GRA50B	I	002	1/15	
GRW0B	I	001	1/15	
HE	I	018	(T,V)1/15	
HF	I	017	(T,V)1/15	
HG	I	016	(T,V)1/15	
HH	I	015	(T,V)1/15	
MEN1B	I	014	1/15	
RDD050B	O	214	TO CONN CKT	
RDD130B	O	212	TO CONN CKT	
REF0B	I	208	1/15	
WRTD050B	I	218	TO CONN CKT	
WRTD130B	I	216	TO CONN CKT	
OGRDMOD	GRD	0GD		
	GRD	2GD		
	GRD	200		
	GRD	213		
	GRD	215		
	GRD	217		
	GRD	219		
12V	PWR	000		
5V	PWR	011		
	PWR	211		

CP INFO

TERM. MOD	LOC
-5	3B0
CEA01I	2D0
CEA11I	2C0
CEA21I	2C0
CA010	2F0
CA110	2F0
CA210	2F0
CA310	2F0
CA410	2F0
CA510	2F0
CE10	2F0
RA010	2H0
RA110	2H0
RA210	2H0
RA310	2G0
RA410	2G0
RA510	2G0
RW10	2A9
MEN1	2A9
RDD00	2G8
RDD10	2G9
REF10	2E0
WRTD010	2A8
WRTD110	2A9
GRD	3D0
GRD	3D0
GRD	3G0
GRD	2G8
GRD	2G8
GRD	2A8
GRD	3A0
+12	3F0
+5	3C0
+5	3C0

PART OF FS 1
SYMBOL(S) 20 21 22 23

MAIN STORE MEMORY	DWG SIZE C2	ISSUE 2D
BELL LABORATORIES	SD-1C903-02	B1CG

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08/02/77

PART OF FS 1

MEMORY

SYMBOL NO. 24

MEMORY PLANE 1
DATA BITS 12 AND 04

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP112.04	03-26	JL2	A	

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01B	I	202	1/15		CEA011	2D0
CEA11B	I	009	1/15		CEA111	2C0
CEA21B	I	209	1/15		CEA211	2C0
GCA00B	I	206	1/15		CA010	2F0
GCA10B	I	204	1/15		CA110	2F0
GCA20B	I	004	1/15		CA210	2F0
GCA30B	I	008	1/15		CA310	2F0
GCA40B	I	005	1/15		CA410	2F0
GCA50B	I	207	1/15		CA510	2F0
GCS0B	I	003	1/15		CE10	2F0
GRA00B	I	007	1/15		RA010	2H0
GRA10B	I	205	1/15		RA110	2H0
GRA20B	I	006	1/15		RA210	2H0
GRA30B	I	203	1/15		RA310	2G0
GRA40B	I	201	1/15		RA410	2G0
GRA50B	I	002	1/15		RA510	2G0
GRW0B	I	001	1/15		RW10	2A9
HE	I	018	(T,V)1/15			
HF	I	017	(T,V)1/15			
HG	I	016	(T,V)1/15			
HH	I	015	(T,V)1/15			
MEN1B	I	014	1/15		MEN1	2A9
RDD040B	O	214	TO CONN CKT		RDD00	2G8
RDD120B	O	212	TO CONN CKT		RDD10	2G9
REF0B	I	208	1/15		REF10	2E0
WRTD040B	I	218	TO CONN CKT		WRTD010	2A8
WRTD120B	I	216	TO CONN CKT		WRTD110	2A9
0GRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 25

MEMORY PLANE 1
DATA BITS 11 AND 03

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP111.03	03-27	JL2	A	

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01B	I	202	1/15		CEA011	2D0
CEA11B	I	009	1/15		CEA111	2C0
CEA21B	I	209	1/15		CEA211	2C0
GCA00B	I	206	1/15		CA010	2F0
GCA10B	I	204	1/15		CA110	2F0
GCA20B	I	004	1/15		CA210	2F0
GCA30B	I	008	1/15		CA310	2F0
GCA40B	I	005	1/15		CA410	2F0
GCA50B	I	207	1/15		CA510	2F0
GCS0B	I	003	1/15		CE10	2F0
GRA00B	I	007	1/15		RA010	2H0
GRA10B	I	205	1/15		RA110	2H0
GRA20B	I	006	1/15		RA210	2H0
GRA30B	I	203	1/15		RA310	2G0
GRA40B	I	201	1/15		RA410	2G0
GRA50B	I	002	1/15		RA510	2G0
GRW0B	I	001	1/15		RW10	2A9
HE	I	018	(T,V)1/15			
HF	I	017	(T,V)1/15			
HG	I	016	(T,V)1/15			
HH	I	015	(T,V)1/15			
MEN1B	I	014	1/15		MEN1	2A9
RDD030B	O	214	TO CONN CKT		RDD00	2G8
RDD110B	O	212	TO CONN CKT		RDD10	2G9
REF0B	I	208	1/15		REF10	2E0
WRTD030B	I	218	TO CONN CKT		WRTD010	2A8
WRTD110B	I	216	TO CONN CKT		WRTD110	2A9
0GRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 26

MEMORY PLANE 1
DATA BITS 10 AND 02

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP110.02	03-28	JL2	A	

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01B	I	202	1/15		CEA011	2D0
CEA11B	I	009	1/15		CEA111	2C0
CEA21B	I	209	1/15		CEA211	2C0
GCA00B	I	206	1/15		CA010	2F0
GCA10B	I	204	1/15		CA110	2F0
GCA20B	I	004	1/15		CA210	2F0
GCA30B	I	008	1/15		CA310	2F0
GCA40B	I	005	1/15		CA410	2F0
GCA50B	I	207	1/15		CA510	2F0
GCS0B	I	003	1/15		CE10	2F0
GRA00B	I	007	1/15		RA010	2H0
GRA10B	I	205	1/15		RA110	2H0
GRA20B	I	006	1/15		RA210	2H0
GRA30B	I	203	1/15		RA310	2G0
GRA40B	I	201	1/15		RA410	2G0
GRA50B	I	002	1/15		RA510	2G0
GRW0B	I	001	1/15		RW10	2A9
HE	I	018	(T,V)1/15			
HF	I	017	(T,V)1/15			
HG	I	016	(T,V)1/15			
HH	I	015	(T,V)1/15			
MEN1B	I	014	1/15		MEN1	2A9
RDD020B	O	214	TO CONN CKT		RDD00	2G8
RDD100B	O	212	TO CONN CKT		RDD10	2G9
REF0B	I	208	1/15		REF10	2E0
WRTD020B	I	218	TO CONN CKT		WRTD010	2A8
WRTD100B	I	216	TO CONN CKT		WRTD110	2A9
0GRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

SYMBOL NO. 27

MEMORY PLANE 1
DATA BITS 09 AND 01

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP109.01	03-29	JL2	A	

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01B	I	202	1/15		CEA011	2D0
CEA11B	I	009	1/15		CEA111	2C0
CEA21B	I	209	1/15		CEA211	2C0
GCA00B	I	206	1/15		CA010	2F0
GCA10B	I	204	1/15		CA110	2F0
GCA20B	I	004	1/15		CA210	2F0
GCA30B	I	008	1/15		CA310	2F0
GCA40B	I	005	1/15		CA410	2F0
GCA50B	I	207	1/15		CA510	2F0
GCS0B	I	003	1/15		CE10	2F0
GRA00B	I	007	1/15		RA010	2H0
GRA10B	I	205	1/15		RA110	2H0
GRA20B	I	006	1/15		RA210	2H0
GRA30B	I	203	1/15		RA310	2G0
GRA40B	I	201	1/15		RA410	2G0
GRA50B	I	002	1/15		RA510	2G0
GRW0B	I	001	1/15		RW10	2A9
HE	I	018	(T,V)1/15			
HF	I	017	(T,V)1/15			
HG	I	016	(T,V)1/15			
HH	I	015	(T,V)1/15			
MEN1B	I	014	1/15		MEN1	2A9
RDD010B	O	214	TO CONN CKT		RDD00	2G8
RDD090B	O	212	TO CONN CKT		RDD10	2G9
REF0B	I	208	1/15		REF10	2E0
WRTD010B	I	218	TO CONN CKT		WRTD010	2A8
WRTD090B	I	216	TO CONN CKT		WRTD110	2A9
0GRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

PART OF FS 1
SYMBOL(S) 24 25 26 27

MAIN STORE MEMORY	DWG SIZE C2	ISSUE 2D
BELL LABORATORIES	SD-1C903-02	B1CH

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08702777

PART OF FS 1

MEMORY

SYMBOL NO. 28

MEMORY PLANE 1
DATA BITS 08 AND 00

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MP108.00	03-31	JLZ	A	

FS INFO					CP INFO	
LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	019			-5	3B0
CEA01B	I	202	1/15		CEA011	2D0
CEA11B	I	009	1/15		CEA111	2C0
CEA21B	I	209	1/15		CEA211	2C0
GCA00B	I	206	1/15		CA010	2F0
GCA10B	I	204	1/15		CA110	2F0
GCA20B	I	004	1/15		CA210	2F0
GCA30B	I	008	1/15		CA310	2F0
GCA40B	I	005	1/15		CA410	2F0
GCA50B	I	207	1/15		CA510	2F0
GCS0B	I	003	1/15		CE10	2F0
GRA00B	I	007	1/15		RA010	2H0
GRA10B	I	205	1/15		RA110	2H0
GRA20B	I	006	1/15		RA210	2H0
GRA30B	I	203	1/15		RA310	2G0
GRA40B	I	201	1/15		RA410	2G0
GRA50B	I	002	1/15		RA510	2G0
GRDA	GRD	219	2/1		GRD	3A0
GRW0B	I	001	1/15		RWI0	2A9
HE	I	018	(T,V)1/15			
HF	I	017	(T,V)1/15			
HG	I	016	(T,V)1/15			
HH	I	015	(T,V)1/15			
MEN1B	I	014	1/15		MEN1	2A9
RDD000B	O	214	TO CONN CKT		RDD00	2G8
RDD080B	O	212	TO CONN CKT		RDD10	2G9
REF0B	I	208	1/15		REF10	2E0
WRTD000B	I	218	TO CONN CKT		WRTD010	2A8
WRTD080B	I	216	TO CONN CKT		WRTD110	2A9
CGRDMOD	GRD	0GD			GRD	3D0
	GRD	2GD			GRD	3D0
	GRD	200			GRD	3G0
	GRD	213			GRD	2G8
	GRD	215			GRD	2G8
	GRD	217			GRD	2A8
	GRD	219			GRD	3A0
12V	PWR	000			+12	3F0
5V	PWR	011			+5	3C0
	PWR	211			+5	3C0

PART OF FS 1
SYMBOL(S) 28

MAIN STORE MEMORY	DWG SIZE C2	ISSUE 2D
BELL LABORATORIES SD-1C903-02		81CJ

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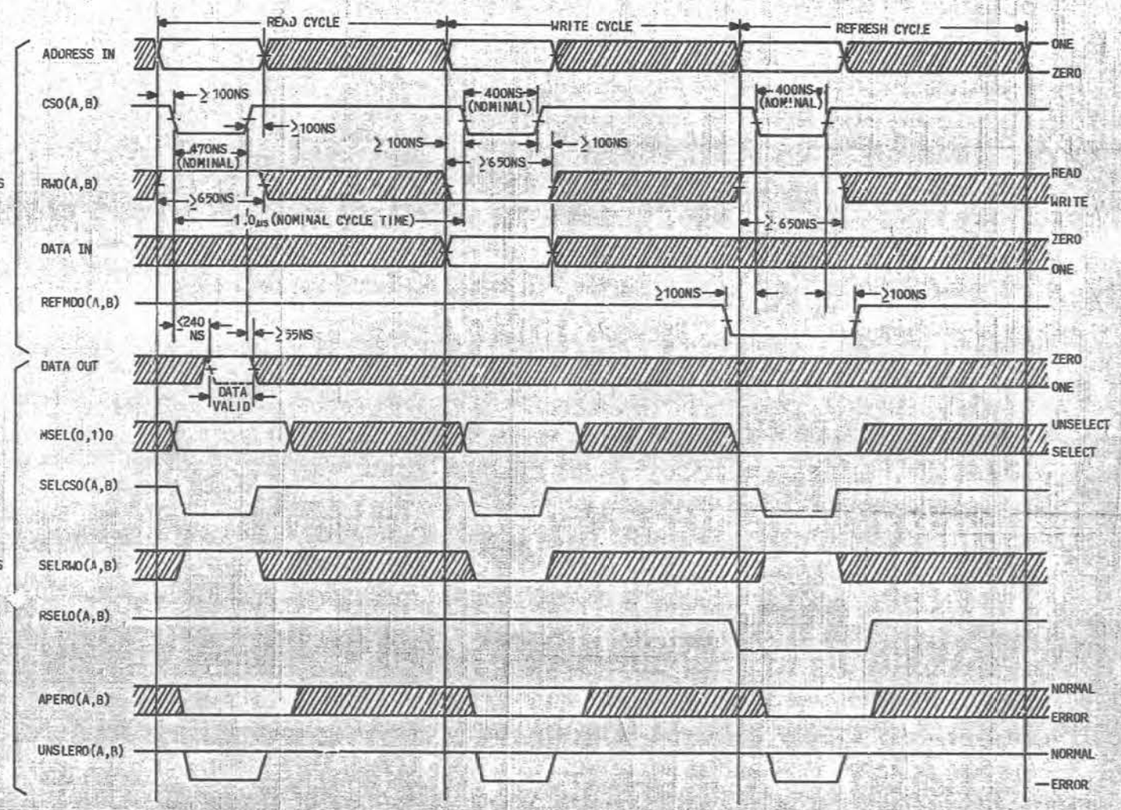
PART OF FS 1

MEMORY

COMPOSITE DIAGRAM 1
TYPICAL TIMING RELATIONSHIPS



NOTES:

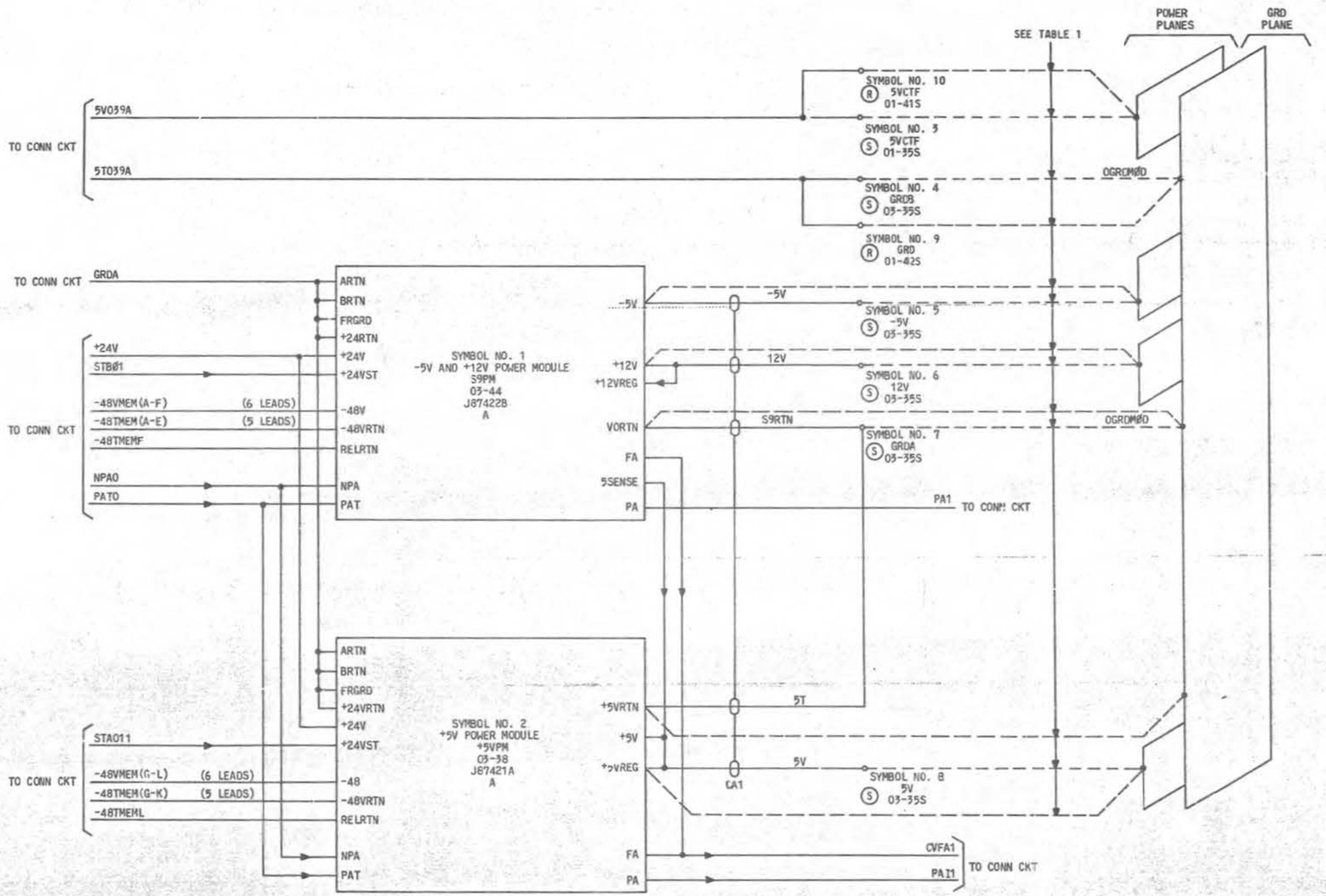
1. BECAUSE OF THE ASYNCHRONOUS NATURE OF THE MASM CIRCUIT, MOST OF THE TIMING AND LEVEL CONSTRAINTS WILL BE DETERMINED BY SPECIFIC APPLICATION REQUIREMENTS. THE INFORMATION PRESENTED HERE IS INTENDED AS A TYPICAL FUNCTIONAL GUIDE ONLY.
2. TIMING MEASUREMENTS ARE REFERENCED TO 1.3V POINTS.
3. LOW INPUT VOLTAGE LEVEL = $0V \leq E \leq 0.4V$.
4. HIGH INPUT VOLTAGE LEVEL = $2.4V \leq E \leq 5.0V$.
5. INPUT RISE AND FALL TIMES ARE ≤10NS.
6. OUTPUTS ARE OPEN COLLECTOR, CHARACTERISTICS ARE DETERMINED BY THE PULLUP NETWORK USED.
7. SHADED AREAS ▨ REPRESENT "DON'T CARE" STATES.

PART OF FS 1
COMPOSITE DIAGRAM 1

MAIN STORE MEMORY (2)		DWG SIZE A5	ISSUE 1
BELL LABORATORIES	SD-1C903-02		BIGA

PART OF FS 2

MEMORY POWER
INTERCONNECTION FLOW DIAGRAM



POWER DISTRIBUTION TABLE 1

CIRCUIT PACK	EQPT LOC	GRD PLANE	5V	-5V	+12V
		TERM	TERM	TERM	TERM
JK3	03-02	200,319, 0GD,2GD	000,119		
JL2	03-04	200, 0GD,2GD, 213,215, 217,219	011,211	019	000
	03-05				
	03-06				
	03-07				
	03-08				
	03-09				
	03-10				
	03-11				
	03-12	(Z)	(Z)	(Z)	(Z)
	03-13	(Z)	(Z)	(Z)	(Z)
	03-14	(Z)	(Z)	(Z)	(Z)
	03-16	(Z)	(Z)	(Z)	(Z)
	03-17				
	03-18				
	03-19	(Z)	(Z)	(Z)	(Z)
	03-20	(Z)	(Z)	(Z)	(Z)
	03-21	(Z)	(Z)	(Z)	(Z)
	03-22	(Z)	(Z)	(Z)	(Z)
	03-23				
	03-24				
	03-25				
	03-26				
	03-27				
	03-28				
	03-29				
JL2	03-31	200 0GD,2GD, 213,215, 217,219	011,211	019	000
JK3	03-33	200,319 0GD,2GD	000,119		
J87421A	03-38				
J87422B	03-44				

PART OF FS 2
INTERCONNECTION AND FLOW DIAGRAM

MAIN STORE MEMORY	2	DWG SIZE 6S	ISSUE 2D
BELL LABORATORIES	SD-IC903-02		B2AA

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PART OF FS 2

MEMORY POWER

SYMBOL/LEAD DESIGNATION

MNEMONIC	DEFINITION
+24V	+24 VOLT FRAME POWER
-48TMEM(A-L)	-48 VOLT RETURN ON MEMORY MODULE
-48VMEM(A-L)	-48 VOLT (POWER) ON MEMORY MODULE
-5V	-5 VOLT (MEMORY POWER)
CVFA1	CONVERTER FUSE ALARM
GRDA	GROUND
NPA0	NEGATIVE POWER ALARM (POWER ALARM STATUS AND RESET FOR CONVERTERS)
PAI1	POWER ALARM INPUT
PAT0	POWER ALARM TEST
PA1	POWER ALARM
STA011	START A
STB01	START B
S9RTN	S9 RETURN (GROUND)
0GRDMOD	GROUND
12V	+12 VOLT (MEMORY POWER)
5T	+5V RETURN (TO MEMORY)
5T039A	+5V RETURN (TO TERMINATIONS)
5V	+5 VOLT (MEMORY POWER)
5V039A	+5 VOLT (TO TERMINATIONS)

MAIN STORE MEMORY		DWG SIZE C2	ISSUE 1
BELL LABORATORIES	SD-1C903-02		BZAB

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PART OF FS 2

MEMORY POWER

SYMBOL NO. 1

-5V AND +12V POWER MODULE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
S9PM	03-44	J87422B	A	

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
+24V	PWR	012	2/2 TO CONN CKT		+24V	
	PWR	112	2/1		+24V	
-48TMEMA	I	116	TO CONN CKT		-48VRTN	
-48TMEMB	I	115	TO CONN CKT		-48VRTN	
-48TMEMC	I	114	TO CONN CKT		-48VRTN	
-48TMEMD	I	016	TO CONN CKT		-48VRTN	
-48TMEME	I	015	TO CONN CKT		-48VRTN	
-48TMEMF	I	014	TO CONN CKT		RELRTN	
-48VMEMA	I	119	TO CONN CKT		-48V	
-48VMEMB	I	118	TO CONN CKT		-48V	
-48VMEMC	I	117	TO CONN CKT		-48V	
-48VMEMD	I	019	TO CONN CKT		-48V	
-48VMEME	I	018	TO CONN CKT		-48V	
-48VMEMF	I	017	TO CONN CKT		-48V	
-5V	PWR	003	(S)2/5		-5V	
	PWR	001	2/1		-5V	
	PWR	002	2/1		-5V	
	PWR	101	2/1		-5V	
	PWR	102	2/1		-5V	
	PWR	103	2/1		-5V	
CVFA1	OT	314	2/2 TO CONN CKT		FA	
GRDA	GRD	013	1/15,1/28 2/2 TO CONN CKT		ARTN	
	GRD	0GD	2/1		FRGRD	
	GRD	111	2/1		+24RTN	
	GRD	113	2/1		ARTN	
	GRD	2GD	2/1		FRGRD	
	GRD	200	2/1		FRGRD	
	GRD	208	2/1		BRTN	
	GRD	319	2/1		FRGRD	
NPA0	I	315	2/2		NPA	
PAT0	I	312	2/2		PAT	
PA1	O	313	TO CONN CKT		PA	
STB01	I	219	TO CONN CKT		+24VST	
S9RTN	GRD	202	(S)2/7		VORTN	
	GRD	201	2/1		VORTN	
	GRD	203	2/1		VORTN	
	GRD	204	2/1		VORTN	
	GRD	205	2/1		VORTN	
	GRD	300	2/1		VORTN	
	GRD	301	2/1		VORTN	
	GRD	302	2/1		VORTN	
	GRD	303	2/1		VORTN	
	GRD	304	2/1		VORTN	
	GRD	305	2/1		VORTN	
12V	PWR	007	(S)2/6		+12V	
	PWR	035	2/1		+12V	
	PWR	036	2/1		+12V	
	PWR	135	2/1		+12V	
	PWR	136	2/1		+12V	
	PWR	137	2/1		+12V	
	I	108	2/1		+12VREG	
5V	I	100	2/2		5SENSE	

SYMBOL NO. 2

+5V POWER MODULE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
+5VPM	03-38	J87421A	A	

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
+24V	PWR	012	2/1		+24V	
	PWR	112	2/1		+24V	
-48TMEMG	I	116	TO CONN CKT		-48VRTN	
-48TMEMH	I	115	TO CONN CKT		-48VRTN	
-48TMEMI	I	114	TO CONN CKT		-48VRTN	
-48TMEMJ	I	016	TO CONN CKT		-48VRTN	
-48TMEMK	I	015	TO CONN CKT		-48VRTN	
-48TMEML	I	014	TO CONN CKT		RELRTN	
-48VMEMG	I	119	TO CONN CKT		-48V	
-48VMEMH	I	118	TO CONN CKT		-48V	
-48VMEMI	I	117	TO CONN CKT		-48V	
-48VMEMJ	I	019	TO CONN CKT		-48V	
-48VMEMK	I	018	TO CONN CKT		-48V	
-48VMEML	I	017	TO CONN CKT		-48V	
CVFA1	OT	314	2/1		FA	
GRDA	GRD	0GD	2/1		FRGRD	
	GRD	013	2/1		ARTN	
	GRD	111	2/1		+24VRTN	
	GRD	113	2/1		ARTN	
	GRD	2GD	2/1		FRGRD	
	GRD	200	2/1		FRGRD	
	GRD	208	2/1		BRTN	
	GRD	319	2/1		FRGRD	
NPA0	I	315	2/1 TO CONN CKT		NPA	
PA11	O	313	TO CONN CKT		PA	
PAT0	I	312	2/1 TO CONN CKT		PAT	
STA011	I	011			+24VST	
	I	210	TO CONN CKT		+24VST	
5T	GRD	305	(S)2/7		+5VRTN	
	GRD	201	2/2		+5VRTN	
	GRD	202	2/2		+5VRTN	
	GRD	203	2/2		+5VRTN	
	GRD	204	2/2		+5VRTN	
	GRD	205	2/2		+5VRTN	
	GRD	206	2/2		+5VRTN	
	GRD	207	2/2		+5VRTN	
	GRD	300	2/2		+5VRTN	
	GRD	301	2/2		+5VRTN	
	GRD	302	2/2		+5VRTN	
	GRD	303	2/2		+5VRTN	
	GRD	304	2/2		+5VRTN	
	GRD	306	2/2		+5VRTN	
	GRD	307	2/2		+5VRTN	
5V	PWR	006	(S)2/8 2/1		+5V	
	PWR	001	2/2		+5V	
	PWR	002	2/2		+5V	
	PWR	003	2/2		+5V	
	PWR	004	2/2		+5V	
	PWR	005	2/2		+5V	
	PWR	007	2/2		+5V	
	PWR	100	2/2		+5V	
	PWR	101	2/2		+5V	
	PWR	102	2/2		+5V	
	PWR	103	2/2		+5V	
	PWR	104	2/2		+5V	
	PWR	105	2/2		+5V	
	PWR	106	2/2		+5V	

SYMBOL NO. 2 (CONT)

+5V POWER MODULE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
+5VPM	03-38	J87421A	A	

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
5V	PWR	107	2/2		+5V	
	I	108	2/2		+5VREG	

SYMBOL NO. 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
5VCTF	01-35S	840851786		(S)

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
5V039A	PWR	5VCTF	(S) TO CONN CKT			

SYMBOL NO. 4

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GRDB	03-35S	840851786		(S)

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
0GRDMOD	GRD	GRDB				
5T039A	GRD	GRDB	(S) TO CONN CKT			

SYMBOL NO. 5

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
-5V	03-35S	840851786		(S)

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
-5V	PWR	-5V	2/1			

SYMBOL NO. 6

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
12V	03-35S	840851786		(S)

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
12V	PWR	12V	2/1			

SYMBOL NO. 7

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GRDA	03-35S	840851786		(S)

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
S9RTN	GRD	GRDA	2/1			
0CRDMOD	GRD	GRDA				
5T	GRD	GRDA	2/2			

SYMBOL NO. 8

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
5V	03-35S	840851786		(S)

FS INFO / CP INFO

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
5V	PWR	5V	2/2			

PART OF FS 2

SYMBOL(S) 1 2 3 4 5 6 7 8

MAIN STORE MEMORY	DWG SIZE C2	ISSUE 2D
BELL LABORATORIES	SD-1C903-02	B2CA

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PART OF FS 2

MEMORY POWER

SYMBOL NO. 9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GRD	01-42S	840851786		(R)

FS INFO ---------- CP INFO -----

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
0GRDMOD	GRD	GRD				
5T039A	GRD	GRD	(R) TO CONN CKT			

SYMBOL NO. 10

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
5VCTF	01-41S	840851786		(R)

FS INFO ---------- CP INFO -----

LEAD DESIG	FUNC	TERM.	DESTINATION	NOTE	TERM. MOD	LOC
5V039A	PWR	5VCTF	(R) TO CONN CKT			

PART OF FS 7

SYMBOL(S) 9 10

MAIN STORE MEMORY

DWG SIZE C2

ISSUE 2D

BELL LABORATORIES

SD-1C903-02

B2CB

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APP FIG. 1

POWER MODULE

OPTION	DESIG	FS/SYM	CODE
	+5VPM	2/2	J87421A
	S9PM	2/1	J87422B

APP FIG. 2

CIRCUIT PACK

EQPT LOC	03-02		03-04		03-05		03-06		03-07		03-08		03-09		03-10		03-11		03-12		EQPT LOC
DESIG	FO80		MP008.00		MP009.01		MP010.02		MP011.03		MP012.04		MP013.05		MP014.06		MP015.07		MP0PH.PL		DESIG
CODE	JK3		JL2		JL2		JL2		JL2		JL2		JL2		JL2		JL2		JL2		CODE
OPTION																					OPTION
ELEM IDENT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/1		1/14		1/13		1/12		1/11		1/10		1/9		1/8		1/7		1/2	A
B																					B
C																					C

APP FIG. 3

CIRCUIT PACK

EQPT LOC	03-12		03-13		03-14		03-16		EQPT LOC
DESIG	MP020.16		MP021.17		MP022.18		MP023.19		DESIG
CODE	JL2		JL2		JL2		JL2		CODE
OPTION									OPTION
ELEM IDENT		CKT		CKT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/6		1/5		1/4		1/3	A
B									B
C									C

SD-1C903-02-C1

ISSUE 2D

MAIN STORE MEMORY

BELL TELEPHONE LABORATORIES INCORPORATED

DWG SIZE C2

SD-1C903-02-C1

APP FIG. 4

CIRCUIT PACK

EQPT LOC	03-18		03-23		03-24		03-25		03-26		03-27		03-28		03-29		03-31		03-33		EQPT LOC
DESIG	MP1PH.PL		MP115.07		MP114.06		MP113.05		MP112.04		MP111.03		MP110.02		MP109.01		MP108.00		F0B1		DESIG
CODE	JL2		JL2		JL2		JL2		JL2		JL2		JL2		JL2		JL2		JK3		CODE
OPTION																					OPTION
ELEM IDENT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/16		1/21		1/22		1/23		1/24		1/25		1/26		1/27		1/28		1/15	A
B																					B
C																					C

APP FIG. 5

CIRCUIT PACK

EQPT LOC	03-19		03-20		03-21		03-22		EQPT LOC
DESIG	MP123.19		MP122.18		MP121.17		MP120.16		DESIG
CODE	JL2		JL2		JL2		JL2		CODE
OPTION									OPTION
ELEM IDENT		CKT		CKT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/17		1/18		1/19		1/20	A
B									B
C									C

SD-1C903-02-C2

ISSUE 2D

MAIN STORE MEMORY

BELL TELEPHONE LABORATORIES INCORPORATED

DWG SIZE C2

SD-1C903-02-C2

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
+24V	3/4	+24	APP FIG. 1
-48VMEM(A-L)*	3	-48	APP FIG. 1

BATTERY SYMBOL	VOLTAGE RANGE
+24	20.75-26.25
-48	42.75-52.5

* - UNIT LEADS SHALL BE MECHANICALLY INTERCONNECTED ON USER'S CONNECTING CIRCUIT VIA 942G TYPE BERG CONNECTOR OR EQUIVALENT.

102.

FEATURE OR OPTION		PROVIDE		
		APP FIG.	APP OR WRG	QUANTITY
MAIN STORE POWER MODS AND ALL MEMORY WIRING FOR 18-BIT STORE WORD		1		1 PER CKT
STORE CAPACITY	32,768 WORDS BY 18 BITS	2		1 PER CKT
	32,768 WORDS BY 26 BITS	2,3		1 PER CKT
	65,536 WORDS BY 18 BITS	2,4		1 PER CKT
	65,536 WORDS BY 26 BITS	2-5		1 PER CKT
ADDITIONAL WIRING FOR 26-BIT STORE			Z	
ADDITIONAL PW IN ED-4C091-30	26-BIT STORE		V	
	18-BIT STORE		T	
MLPWB WIRING DIFFERENCES	ED-4C005-30		S	
	ED-4C091-30		R	

103.

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES							
CHANGED ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT			
				STD	A&M	MD	
20	Y OR Z	Z	105	Y AND Z			
20	T OR V	NONE		T AND V			
20	R OR S	S		R			S

CIRCUIT NOTES: (CONT)

104. TO PROVIDE ADDRESS IDENTITY FOR MEMORY MODULES, PROVIDE 30 GA., D3-TYPE MODULE SELECT STRAPS AT THE ASSOCIATED FANOUT BOARD TERMINALS AS SHOWN IN THE ACCOMPANYING TABLE(THREE WIRES PER MODULE).

DESIRED MODULE ADDRESS	WIRE FANOUT BOARD TERMINAL:		
	014 TO:	114 TO:	113 TO:
0	118	017	115
1	118	017	015
2	118	116	115
3	118	116	015
4	018	017	115
5	018	017	015
6	018	116	115
7	018	116	015

105. PRIOR TO ISSUE 2D, OPTION Z WIRING WAS ALWAYS FURNISHED.

EQUIPMENT NOTES:

201. PRINTED WIRING PLANES OR PATHS ARE LOCATED IN MULTILAYER PRINTED WIRING BOARD, ED-4C091-30. PRIOR TO ISSUE 2 PRINTED WIRING PLANES OR PATHS ARE LOCATED IN MULTILAYER PRINTED WIRING BOARD, ED-4C005-30.

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED: VALUES PRECEDED BY THE SYMBOL +(PLUS) OR -(MINUS) ARE IN VOLTS.

MAIN STORE MEMORY (2)

DWG SIZE 6S | ISSUE 2D

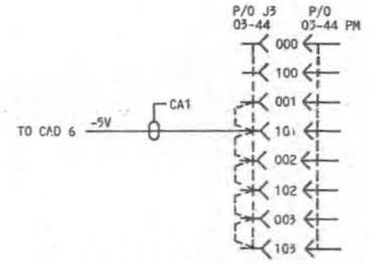
BELL LABORATORIES | SD-1C903-02 | D1

E - 7921 (12 - 73) PRINTED IN U.S.A.

CAD NOTES:

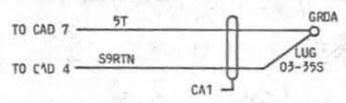
1. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR REPRESENTATION.

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	WIRE METHOD	SYM	TERMINAL	LEAD DESIG	TO TERMINATION	TERMINAL	OPT	NOTE
.....	J3			03-44	JACK/PM	(NOTE 1).....			
				000					
	-5V	MC		001	-5V				
	-5V	MC		002	-5V				
	-5V	MC		003	-5V				
				100					
TO CAD 6	-5V	CA1		101	-5V				
	-5V	MC		102	-5V				
	-5V	MC		103	-5V				



2. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR REPRESENTATION.

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	WIRE METHOD	SYM	TERMINAL	LEAD DESIG	TO TERMINATION	TERMINAL	OPT	NOTE
.....	GRDA			03-35S	LUG	(NOTE 2).....			
TO CAD 7	5T	CA1		GRDA	OGRDMØD				3
TO CAD 4	S9RTN	CA1		GRDA	OGRDMØD				4



3. WIRE SHALL BE 18 GA, KS-13385 STRANDED.

4. WIRE SHALL BE 16 GA, KS-13385 STRANDED.

5. WIRE METHOD CA1 IS DEFINED AS BEING PART OF ED-4C053-30 CABLE ASSEMBLY.

6. THE FOLLOWING CODES OF CONNECTORS ARE USED:

J1	943AJ
J2	943AH
J3	943AK
J4	943AJ

MAIN STORE MEMORY	(2)	DWG SIZE 6S	ISSUE 1
BELL LABORATORIES	SD-1C903-02		G81

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER
A

MEMORY CIRCUIT INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
APER0A	O	01-03-32	03-02-212	1/1	
APER0A	O	05-03-35	03-02-212	1/1	
APER0B	O	01-31-22	03-33-212	1/15	
APER0B	O	05-31-25	03-33-212	1/15	
AP17.81A	I	05-01-25	03-02-303	1/1	
AP17.81A	I	01-01-22	03-02-303	1/1	
AP17.81B	I	01-34-12	03-33-303	1/15	
AP17.81B	I	05-34-15	03-33-303	1/15	
AP7.01A	I	01-05-10	03-02-204	1/1	
AP7.01A	I	05-05-17	03-02-204	1/1	
AP7.01B	I	03-33-204	03-33-204	1/15	
AP7.01B	I	05-33-17	03-33-204	1/15	
AP7.01B	I	01-33-10	03-33-204	1/15	
A001A	I	01-03-30	03-02-010	1/1	
A001A	I	05-03-37	03-02-010	1/1	
A001B	I	05-32-35	03-33-010	1/15	
A001B	I	01-32-32	03-33-010	1/15	
A011A	I	01-02-10	03-02-112	1/1	
A011A	I	05-02-17	03-02-112	1/1	
A011B	I	05-30-17	03-33-112	1/15	
A011B	I	01-30-10	03-33-112	1/15	
A021A	I	05-04-07	03-02-011	1/1	
A021A	I	01-04-00	03-02-011	1/1	
A021B	I	05-31-37	03-33-011	1/15	
A021B	I	01-31-30	03-33-011	1/15	
A031A	I	01-02-20	03-02-111	1/1	
A031A	I	05-02-27	03-02-111	1/1	
A031B	I	05-30-27	03-33-111	1/15	
A031B	I	01-30-20	03-33-111	1/15	
A041A	I	05-04-37	03-02-207	1/1	
A041A	I	01-04-30	03-02-207	1/1	
A041B	I	05-32-37	03-33-207	1/15	
A041B	I	01-32-30	03-33-207	1/15	
A051A	I	01-02-02	03-02-012	1/1	
A051A	I	05-02-05	03-02-012	1/1	
A051B	I	05-31-27	03-33-012	1/15	
A051B	I	01-31-20	03-33-012	1/15	
A061A	I	05-02-07	03-02-306	1/1	
A061A	I	-02-00	03-02-306	1/1	
A061B	I	05-33-35	03-33-306	1/15	
A061B	I	01-33-32	03-33-306	1/15	
A071A	I	01-04-20	03-02-208	1/1	
A071A	I	05-04-27	03-02-208	1/1	
A071B	I	05-31-17	03-33-208	1/15	
A071B	I	01-31-10	03-33-208	1/15	
A071B	I	03-33-208	03-33-208	1/15	
A081A	I	01-02-32	03-02-309	1/1	
A081A	I	05-02-35	03-02-309	1/1	
A081B	I	05-33-05	03-33-309	1/15	
A081B	I	01-33-02	03-33-309	1/15	
A091A	I	05-02-15	03-02-307	1/1	
A091A	I	01-02-12	03-02-307	1/1	
A091B	I	05-33-25	03-33-307	1/15	
A091B	I	01-33-22	03-33-307	1/15	
A101A	I	05-01-35	03-02-305	1/1	
A101A	I	01-01-32	03-02-305	1/1	
A101B	I	05-34-05	03-33-305	1/15	
A101B	I	01-34-02	03-33-305	1/15	
A111A	I	05-05-07	03-02-206	1/1	
A111A	I	01-05-00	03-02-206	1/1	
A111B	I	05-33-07	03-33-206	1/15	
A111B	I	01-33-00	03-33-206	1/15	
A111B	I	03-33-206	03-33-206	1/15	
A121A	I	01-02-30	03-02-110	1/1	
A121A	I	05-02-37	03-02-110	1/1	
A121B	I	01-30-30	03-33-110	1/15	

ELEMENT IDENTIFIER (CONT)
A

MEMORY CIRCUIT INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
A121B	I	03-33-110	03-33-110	1/15	
A121B	I	05-30-37	03-33-110	1/15	
A131A	I	05-02-25	03-02-308	1/1	
A131A	I	01-02-22	03-02-308	1/1	
A131B	I	01-33-12	03-33-308	1/15	
A131B	I	05-33-15	03-33-308	1/15	
A141A	I	01-04-10	03-02-209	1/1	
A141A	I	05-04-17	03-02-209	1/1	
A141B	I	01-31-00	03-33-209	1/15	
A141B	I	05-31-07	03-33-209	1/15	
A151A	I	05-01-37	03-02-016	1/1	
A151A	I	01-01-30	03-02-016	1/1	
A151B	I	01-34-00	03-33-016	1/15	
A151B	I	05-34-07	03-33-016	1/15	
A161A	I	01-01-10	03-02-117	1/1	
A161A	I	05-01-17	03-02-117	1/1	
A161B	I	01-34-10	03-33-117	1/15	
A161B	I	05-34-17	03-33-117	1/15	
A171A	I	01-01-00	03-02-019	1/1	
A171A	I	05-01-07	03-02-019	1/1	
A171B	I	01-34-20	03-33-019	1/15	
A171B	I	05-34-27	03-33-019	1/15	
CS0A	I	01-01-02	03-02-201	1/1	
CS0A	I	05-01-05	03-02-201	1/1	
CS0B	I	01-33-20	03-33-201	1/15	
CS0B	I	05-33-27	03-33-201	1/15	
FOBMT1A	I	01-05-20	03-02-216	1/1	
FOBMT1A	I	05-05-27	03-02-216	1/1	
FOBMT1B	I	05-30-07	03-33-216	1/15	
FOBMT1B	I	01-30-00	03-33-216	1/15	
MSEL00	G	05-16-15	03-02-311	1/1	
MSEL00A	OI	03-02-115	03-02-115	1/1	
MSEL00B	OI	03-33-115	03-33-115	1/15	
MSEL01A	O	03-02-015	03-02-015	1/1	
MSEL01B	O	03-33-015	03-33-015	1/15	
MSEL10	O	05-28-35	03-33-311	1/15	
MSEL10A	OI	03-02-017	03-02-017	1/1	
MSEL10B	OI	03-33-017	03-33-017	1/15	
MSEL11A	O	03-02-116	03-02-116	1/1	
MSEL11B	O	03-33-116	03-33-116	1/15	
MSEL20	O	05-15-35			
MSEL20	I	01-16-12			
MSEL20A	OI	03-02-118	03-02-118	1/1	
MSEL20B	OI	03-33-118	03-33-118	1/15	
MSEL21A	O	03-02-018	03-02-018	1/1	
MSEL21B	O	03-33-018	03-33-018	1/15	
MSEL30	O	05-28-15			
MSEL30	I	01-28-32			
MSEL40	O	05-15-15			
MSEL40	I	01-15-32			
MSEL50	O	05-27-35			
MSEL50	I	01-28-12			
MSEL60	O	05-14-35			
MSEL60	I	01-15-12			
MSEL70	O	05-27-15			
MSEL70	I	01-27-32			
PWINHT1	I	01-34-33			
PWINHT1	I	01-31-32			
PWINHT1	I	05-31-35			
PWINH001	I	01-00-31			
PWINH001	I	01-00-33			
PWINH011	I	01-03-01			
PWINH011	I	01-03-21			
PWINH021	I	01-06-11			
PWINH021	I	01-05-31			
PWINH031	I	01-08-21			

ELEMENT IDENTIFIER (CONT)
A

MEMORY CIRCUIT INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
PWINH031	I	01-09-01			
PWINH041	I	01-11-11			
PWINH041	I	01-11-31			
PWINH051	I	01-14-01			
PWINH051	I	01-14-21			
PWINH061	I	01-16-31			
PWINH061	I	01-18-31			
PWINH071	I	01-21-01			
PWINH071	I	01-21-21			
PWINH081	I	01-23-31			
PWINH081	I	01-24-11			
PWINH091	I	01-26-21			
PWINH091	I	01-27-01			
PWINH101	I	01-29-11			
PWINH101	I	01-29-31			
PWINH111	I	01-32-01			
PWINH111	I	01-34-31			
PWINH121	I	01-32-21			
PWINH121	I	01-32-23			
RDDPH0A	O	05-13-25	03-17-212	1/2	Y,Z
RDDPH0A	O	01-13-22	03-17-212	1/2	Y,Z
RDDPH0B	O	01-19-02	03-18-212	1/16	
RDDPH0B	O	05-19-05	03-18-212	1/16	
RDDPL0A	O	05-13-35	03-17-214	1/2	
RDDPL0A	O	01-13-32	03-17-214	1/2	
RDDPL0B	O	01-19-12	03-18-214	1/16	
RDDPL0B	O	05-19-15	03-18-214	1/16	
RDD000A	O	01-05-22	03-04-214	1/14	
RDD000A	O	05-05-25	03-04-214	1/14	
RDD000B	O	05-31-15	03-31-214	1/28	
RDD000B	O	01-31-12	03-31-214	1/28	
RDD010A	O	05-06-35	03-05-214	1/13	
RDD010A	O	01-06-32	03-05-214	1/13	
RDD010B	O	05-26-15	03-29-214	1/27	
RDD010B	O	01-26-12	03-29-214	1/27	
RDD020A	O	01-07-12	03-06-214	1/12	
RDD020A	O	05-07-15	03-06-214	1/12	
RDD020B	O	05-25-35	03-28-214	1/26	
RDD020B	O	01-25-32	03-28-214	1/26	
RDD030A	O	01-07-32	03-07-214	1/11	
RDD030A	O	05-07-35	03-07-214	1/11	
RDD030B	O	05-25-15	03-27-214	1/25	
RDD030B	O	01-25-12	03-27-214	1/25	
RDD040A	O	01-08-12	03-08-214	1/10	
RDD040A	O	05-08-15	03-08-214	1/10	
RDD040B	O	05-24-35	03-26-214	1/24	
RDD040B	O	01-24-32	03-26-214	1/24	
RDD050A	O	01-09-22	03-09-214	1/9	
RDD050A	O	05-09-25	03-09-214	1/9	
RDD050B	O	05-23-25	03-25-214	1/23	
RDD050B	O	01-23-22	03-25-214	1/23	
RDD060A	O	01-10-02	03-10-214	1/8	
RDD060A	O	05-10-05	03-10-214	1/8	
RDD060B	O	05-23-05	03-24-214	1/22	
RDD060B	O	01-23-02	03-24-214	1/22	
RDD070A	O	01-10-22	03-11-214	1/7	
RDD070A	O	05-10-25	03-11-214	1/7	
RDD070B	O	05-22-25	03-23-214	1/21	
RDD070B	O	01-22-22	03-23-214	1/21	
RDD080A	O	05-05-15	03-04-212	1/14	
RDD080A	O	01-05-12	03-04-212	1/14	
RDD080B	O	05-31-05	03-31-212	1/28	
RDD080B	O	01-31-02	03-31-212	1/28	
RDD090A	O	01-06-22	03-05-212	1/13	
RDD090A	O	05-06-25	03-05-212	1/13	
RDD090B	O	05-26-05	03-29-212	1/27	

ELEMENT IDENTIFIER (CONT)
A

MEMORY CIRCUIT INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
RDD090B	O	01-26-02	03-29-212	1/27	
RDD100A	O	05-07-05	03-06-212	1/12	
RDD100A	O	01-07-02	03-06-212	1/12	
RDD100B	O	05-25-25	03-28-212	1/26	
RDD100B	O	01-25-22	03-28-212	1/26	
RDD110A	O	01-07-22	03-07-212	1/11	
RDD110A	O	05-07-25	03-07-212	1/11	
RDD110B	O	05-25-05	03-27-212	1/25	
RDD110B	O	01-25-02	03-27-212	1/25	
RDD120A	O	01-08-02	03-08-212	1/10	
RDD120A	O	05-08-05	03-08-212	1/10	
RDD120B	O	05-24-25	03-26-212	1/24	
RDD120B	O	01-24-22	03-26-212	1/24	
RDD130A	O	01-09-12	03-09-212	1/9	
RDD130A	O	05-09-15	03-09-212	1/9	
RDD130B	O	05-23-15	03-25-212	1/23	
RDD130B	O	01-23-12	03-25-212	1/23	
RDD140A	O	01-09-32	03-10-212	1/8	
RDD140A	O	05-09-35	03-10-212	1/8	
RDD140B	O	05-22-35	03-24-212	1/22	
RDD140B	O	01-22-32	03-24-212	1/22	
RDD150A	O	01-10-12	03-11-212	1/7	
RDD150A	O	05-10-15	03-11-212	1/7	
RDD150B	O	05-22-15	03-23-212	1/21	
RDD150B	O	01-22-12	03-23-212	1/21	
RDD160A	O	01-11-02	03-12-214	1/6	Z
RDD160A	O	05-11-05	03-12-214	1/6	Z
RDD160B	O	05-22-05	03-22-214	1/20	Z
RDD160B	O	01-22-02	03-22-214	1/20	Z
RDD170A	O	01-12-12	03-13-214	1/5	Z
RDD170A	O	05-12-15	03-13-214	1/5	Z
RDD170B	O	05-20-35	03-21-214	1/19	Z
RDD170B	O	01-20-32	03-21-214	1/19	Z
RDD180A	O	01-12-32	03-14-214	1/4	Z
RDD180A	O	05-12-35	03-14-214	1/4	Z
RDD180B	O	05-20-15	03-20-214	1/18	Z
RDD180B	O	01-20-12	03-20-214	1/18	Z
RDD190A	O	01-13-12	03-16-214	1/3	Z
RDD190A	O	05-13-15	03-16-214	1/3	Z
RDD190B	O	05-19-35	03-19-214	1/17	Z
RDD190B	O	01-19-32	03-19-214	1/17	Z
RDD200A	O	01-10-32	03-12-212	1/6	Z
RDD200A	O	05-10-35	03-12-212	1/6	Z
RDD200B	O	05-21-35	03-22-212	1/20	Z
RDD200B	O	01-21-32	03-22-212	1/20	Z
RDD210A	O	01-12-02	03-13-212	1/5	Z
RDD210A	O	05-12-05	03-13-212	1/5	Z
RDD210B	O	05-20-25	03-21-212	1/19	Z
RDD210B	O	01-20-22	03-21-212	1/19	Z
RDD220A	O	01-12-22	03-14-212	1/4	Z
RDD220A	O	05-12-25	03-14-212	1/4	Z
RDD220B	O	05-20-05	03-20-212	1/18	Z
RDD220B	O	01-20-02	03-20-212	1/18	Z
RDD230A	O	01-13-02	03-16-212	1/3	Z
RDD230A	O	05-13-05	03-16-212	1/3	Z
RDD230B	O	05-19-25	03-19-212	1/17	Z
RDD230B	O	01-19-22	03-19-212	1/17	Z

MAIN STORE MEMORY

DWG SIZE	ISSUE
C2	2D

BELL LABORATORIES | SD-1C903-02 | GB2

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CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)
A
MEMORY CIRCUIT INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
REFMD0A	I	05-01-27	03-02-214	1/1	
REFMD0A	I	01-01-20	03-02-214	1/1	
REFMD0B	I	05-33-37	03-33-214	1/15	
REFMD0B	I	01-33-30	03-33-214	1/15	
RSELC1	O	05-16-25	03-02-013	1/1	
RSEL11	O	05-29-05	03-33-013	1/15	
RSEL21	I	01-16-22			
RSEL21	O	05-16-05			
RSEL31	O	05-28-25			
RSEL31	I	01-29-02			
RSEL41	I	01-16-02			
RSEL41	O	05-15-25			
RSEL51	O	05-28-05			
RSEL51	I	01-28-22			
RSEL61	I	01-15-22			
RSEL61	O	05-15-05			
RSEL71	O	05-27-25			
RSEL71	I	01-28-02			
RW0A	I	01-01-12	03-02-300	1/1	
RW0A	I	05-01-15	03-02-300	1/1	
RW0B	I	05-34-25	03-33-300	1/15	
RW0B	I	01-34-22	03-33-300	1/15	
SELCS0A	O	01-04-12	03-02-210	1/1	
SELCS0A	O	05-04-15	03-02-210	1/1	
SELCS0B	O	05-30-25	03-33-210	1/15	
SELCS0B	O	01-30-22	03-33-210	1/15	
SELRW0A	O	05-04-25	03-02-205	1/1	
SELRW0A	O	01-04-22	03-02-205	1/1	
SELRW0B	O	05-30-15	03-33-205	1/15	
SELRW0B	O	01-30-12	03-33-205	1/15	
SEL01A	I	03-02-113	03-02-113	1/1	
SEL01B	I	03-33-113	03-33-113	1/15	
SEL11A	I	03-02-114	03-02-114	1/1	
SEL11B	I	03-33-114	03-33-114	1/15	
SEL21A	I	03-02-014	03-02-014	1/1	
SEL21B	I	03-33-014	03-33-014	1/15	
TIMACT0A	I	01-10-20	03-02-313	1/1	
TIMACT0A	I	05-10-27	03-02-313	1/1	
TIMACT0B	I	05-25-37	03-33-313	1/15	
TIMACT0B	I	01-25-30	03-33-313	1/15	
UNSLER0A	O	01-04-02	03-02-211	1/1	
UNSLER0A	O	05-04-05	03-02-211	1/1	
UNSLER0B	O	05-30-35	03-33-211	1/15	
UNSLER0B	O	01-30-32	03-33-211	1/15	
WRTDPH0A	I	01-16-10	03-17-216	1/2	
WRTDPH0A	I	05-16-17	03-17-216	1/2	
WRTDPH0B	I	05-19-07	03-18-216	1/16	
WRTDPH0B	I	01-19-00	03-18-216	1/16	
WRTDPL0A	I	01-16-20	03-17-218	1/2	
WRTDPL0A	I	05-16-27	03-17-218	1/2	
WRTDPL0B	I	05-19-17	03-18-218	1/16	
WRTDPL0B	I	01-19-10	03-18-218	1/16	
WRTD000A	I	05-06-37	03-04-218	1/14	
WRTD000A	I	01-06-30	03-04-218	1/14	
WRTD000B	I	05-29-07	03-31-218	1/28	
WRTD000B	I	01-29-00	03-31-218	1/28	
WRTD010A	I	01-07-10	03-05-218	1/13	
WRTD010A	I	05-07-17	03-05-218	1/13	
WRTD010B	I	05-28-27	03-29-218	1/27	
WRTD010B	I	01-28-20	03-29-218	1/27	
WRTD020A	I	01-07-30	03-06-218	1/12	
WRTD020A	I	05-07-37	03-06-218	1/12	
WRTD020B	I	05-28-07	03-28-218	1/26	
WRTD020B	I	01-28-00	03-28-218	1/26	
WRTD030A	I	01-08-10	03-07-218	1/11	
WRTD030A	I	05-08-17	03-07-218	1/11	

ELEMENT IDENTIFIER (CONT)
A
MEMORY CIRCUIT INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
WRTD030B	I	05-27-27	03-27-218	1/25	
WRTD030B	I	01-27-20	03-27-218	1/25	
WRTD040A	I	01-09-20	03-08-218	1/10	
WRTD040A	I	05-09-27	03-08-218	1/10	
WRTD040B	I	05-26-17	03-26-218	1/24	
WRTD040B	I	01-26-10	03-26-218	1/24	
WRTD050A	I	01-10-00	03-09-218	1/9	
WRTD050A	I	05-10-07	03-09-218	1/9	
WRTD050B	I	05-25-27	03-25-218	1/23	
WRTD050B	I	01-25-20	03-25-218	1/23	
WRTD060A	I	01-10-30	03-10-218	1/8	
WRTD060A	I	05-10-37	03-10-218	1/8	
WRTD060B	I	05-24-37	03-24-218	1/22	
WRTD060B	I	01-24-30	03-24-218	1/22	
WRTD070A	I	01-12-00	03-11-218	1/7	
WRTD070A	I	05-12-07	03-11-218	1/7	
WRTD070B	I	05-23-27	03-23-218	1/21	
WRTD070B	I	01-23-20	03-23-218	1/21	
WRTD080A	I	05-06-27	03-04-216	1/14	
WRTD080A	I	01-06-20	03-04-216	1/14	
WRTD080B	I	05-28-37	03-31-216	1/28	
WRTD080B	I	01-28-30	03-31-216	1/28	
WRTD090A	I	01-07-00	03-05-216	1/13	
WRTD090A	I	05-07-07	03-05-216	1/13	
WRTD090B	I	05-28-17	03-29-216	1/27	
WRTD090B	I	01-28-10	03-29-216	1/27	
WRTD100A	I	01-07-20	03-06-216	1/12	
WRTD100A	I	05-07-27	03-06-216	1/12	
WRTD100B	I	05-27-37	03-28-216	1/26	
WRTD100B	I	01-27-30	03-28-216	1/26	
WRTD110A	I	01-08-00	03-07-216	1/11	
WRTD110A	I	05-08-07	03-07-216	1/11	
WRTD110B	I	05-27-17	03-27-216	1/25	
WRTD110B	I	01-27-10	03-27-216	1/25	
WRTD120A	I	01-09-10	03-08-216	1/10	
WRTD120A	I	05-09-17	03-08-216	1/10	
WRTD120B	I	05-26-07	03-26-216	1/24	
WRTD120B	I	01-26-00	03-26-216	1/24	
WRTD130A	I	01-09-30	03-09-216	1/9	
WRTD130A	I	05-09-37	03-09-216	1/9	
WRTD130B	I	05-25-07	03-25-216	1/23	
WRTD130B	I	01-25-00	03-25-216	1/23	
WRTD140A	I	01-10-10	03-10-216	1/8	
WRTD140A	I	05-10-17	03-10-216	1/8	
WRTD140B	I	05-24-27	03-24-216	1/22	
WRTD140B	I	01-24-20	03-24-216	1/22	
WRTD150A	I	01-11-00	03-11-216	1/7	
WRTD150A	I	05-11-07	03-11-216	1/7	
WRTD150B	I	05-23-07	03-23-216	1/21	
WRTD150B	I	01-23-00	03-23-216	1/21	
WRTD160A	I	01-13-00	03-12-218	1/6	Z
WRTD160A	I	05-13-07	03-12-218	1/6	Z
WRTD160B	I	05-22-27	03-22-218	1/20	Z
WRTD160B	I	01-22-20	03-22-218	1/20	Z
WRTD170A	I	01-13-30	03-13-218	1/5	Z
WRTD170A	I	05-13-37	03-13-218	1/5	Z
WRTD170B	I	05-21-37	03-21-218	1/19	Z
WRTD170B	I	01-21-30	03-21-218	1/19	Z
WRTD180A	I	01-15-00	03-14-218	1/4	Z
WRTD180A	I	05-15-07	03-14-218	1/4	Z
WRTD180B	I	05-20-27	03-20-218	1/18	Z
WRTD180B	I	01-20-20	03-20-218	1/18	Z
WRTD190A	I	01-16-00	03-16-218	1/3	Z
WRTD190A	I	05-16-07	03-16-218	1/3	Z
WRTD190B	I	05-19-37	03-19-218	1/17	Z
WRTD190B	I	01-19-30	03-19-218	1/17	Z

ELEMENT IDENTIFIER (CONT)
A
MEMORY CIRCUIT INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
WRTD200A	I	01-12-20	03-12-216	1/6	Z
WRTD200A	I	05-12-27	03-12-216	1/6	Z
WRTD200B	I	05-22-07	03-22-216	1/20	Z
WRTD200B	I	01-22-00	03-22-216	1/20	Z
WRTD210A	I	01-13-20	03-13-216	1/5	Z
WRTD210A	I	05-13-27	03-13-216	1/5	Z
WRTD210B	I	05-20-37	03-21-216	1/19	Z
WRTD210B	I	01-20-30	03-21-216	1/19	Z
WRTD220A	I	01-14-30	03-14-216	1/4	Z
WRTD220A	I	05-14-37	03-14-216	1/4	Z
WRTD220B	I	05-20-07	03-20-216	1/18	Z
WRTD220B	I	01-20-00	03-20-216	1/18	Z
WRTD230A	I	01-15-30	03-16-216	1/3	Z
WRTD230A	I	05-15-37	03-16-216	1/3	Z
WRTD230B	I	05-19-27	03-19-216	1/17	Z
WRTD230B	I	01-19-20	03-19-216	1/17	Z
0GD0103T	G	01-03-03			
5V039A	P	01-32-00	01-41S-5VCTF	2/10	
5V039A	P	01-34-32	01-41S-5VCTF	2/10	
5V039A	P	01-34-30	01-41S-5VCTF	2/10	
5V039A	P	01-29-10	01-41S-5VCTF	2/10	
5V039A	P	01-26-20	01-41S-5VCTF	2/10	
5V039A	P	01-23-30	01-41S-5VCTF	2/10	
5V039A	P	01-11-10	01-41S-5VCTF	2/10	
5V039A	P	01-14-00	01-41S-5VCTF	2/10	
5V039A	P	01-16-30	01-41S-5VCTF	2/10	
5V039A	P	01-21-00	01-41S-5VCTF	2/10	
5V039A	P	01-05-30	01-41S-5VCTF	2/10	
5V039A	P	01-08-20	01-41S-5VCTF	2/10	
5V039A	P	01-03-00	01-41S-5VCTF	2/10	
5V039A	P	01-03-02	01-41S-5VCTF	2/10	

ELEMENT IDENTIFIER
B
MEMORY POWER

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
+24V	P	03-44-112	03-44-012	2/1	
+24V	P	03-44-012	03-44-012	2/1	
-48TMEMA	I	03-44-116	03-44-116	2/1	
-48TMEMB	I	03-44-115	03-44-115	2/1	
-48TMEMC	I	03-44-114	03-44-114	2/1	
-48TMEMD	I	03-44-016	03-44-016	2/1	
-48TMEME	I	03-44-015	03-44-015	2/1	
-48TMEMF	I	03-44-014	03-44-014	2/1	
-48TMEMG	I	03-38-116	03-38-116	2/2	
-48TMEMH	I	03-38-115	03-38-115	2/2	
-48TMEMI	I	03-38-114	03-38-114	2/2	
-48TMEMJ	I	03-38-016	03-38-016	2/2	
-48TMEMK	I	03-38-015	03-38-015	2/2	
-48TMEML	I	03-38-014	03-38-014	2/2	
-48VMEMA	I	03-44-119	03-44-119	2/1	
-48VMEMB	I	03-44-118	03-44-118	2/1	
-48VMEMC	I	03-44-117	03-44-117	2/1	
-48VMEMD	I	03-44-019	03-44-019	2/1	
-48VMEME	I	03-44-018	03-44-018	2/1	
-48VMEMF	I	03-44-017	03-44-017	2/1	
-48VMEMG	I	03-38-119	03-38-119	2/2	
-48VMEMH	I	03-38-118	03-38-118	2/2	
-48VMEMI	I	03-38-117	03-38-117	2/2	
-48VMEMJ	I	03-38-019	03-38-019	2/2	

ELEMENT IDENTIFIER (CONT)
B
MEMORY POWER

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48VMEMK	I	03-38-018	03-38-018	2/2	
-48VMEML	I	03-38-017	03-38-017	2/2	
CVFA1	O	03-44-314	03-44-314	2/1	
GRDA	G	03-38-319	03-44-013	2/1	
GRDA	G	03-44-013	03-44-013	2/1	
GRDA	G	03-44-113	03-44-013	2/1	
NPA0	I	03-44-315	03-38-315	2/2	
PAI1	O	03-38-313	03-38-313	2/2	
PAT0	I	03-44-312	03-38-312	2/2	
PA1	O	03-44-313	03-44-313	2/1	
STA011	I	03-38-210	03-38-210	2/2	
STB01	I	03-44-219	03-44-219	2/1	
5T039A	G	01-42S-GRD	01-42S-GRD	2/9	R
5T039A	G	03-35S-GRDB	03-35S-GRDB	2/4	S
5V039A	P	01-41S-5VCTF	01-41S-5VCTF	2/10	R
5V039A	P	01-35S-5VCTF	01-35S-5VCTF	2/3	S

MAIN STORE MEMORY

DWG SIZE	ISSUE
C2	2D

BELL LABORATORIES | SD-1C903-02 | GB3

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CAD 2

TO CONNECTION DESTINATION	TO CONNECTION LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	FROM CONNECTION TERMINATION	FROM CONNECTION TERMINAL	OPT	NOTE
.....				01-00	CTF	.....			
	5V039A			30	5V039A				
	5V039A			32	5V039A				
.....				01-03	CTF	.....			
	5V039A			20	5V039A				
	0GD0103T			23	0GD0103T				
.....				01-06	CTF	.....			
	5V039A			10	5V039A				
.....				01-09	CTF	.....			
	5V039A			00	5V039A				
.....				01-11	CTF	.....			
	5V039A			30	5V039A				
.....				01-12	CTF	.....			
	V1			10	V1			R	
	V2			30	V2			R	
.....				01-14	CTF	.....			
	5V039A			20	5V039A				
.....				01-18	CTF	.....			
	5V039A			30	5V039A				
.....				01-21	CTF	.....			
	5V039A			20	5V039A				
.....				01-24	CTF	.....			
	5V039A			10	5V039A				
.....				01-27	CTF	.....			
	5V039A			00	5V039A				
.....				01-29	CTF	.....			
	5V039A			30	5V039A				
.....				01-32	CTF	.....			
	5V039A			20	5V039A				
	5V039A			22	5V039A				
.....				01-35	CTF	.....			
	V4			20	V4			R	
	V3			30	V3			R	
.....				05-12	CTF	.....			
	V1			17	V1			R	
	V2			37	V2			R	
.....				05-35	CTF	.....			
	V4			27	V4			R	
	V3			37	V3			R	

CAD 3

(FOR USE WITH ED-4C005-30,OPTION S)

TO CONNECTION DESTINATION	TO CONNECTION LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	FROM CONNECTION TERMINATION	FROM CONNECTION TERMINAL	OPT	NOTE
.....J1				03-38	JACK/PM	(NOTE 1).....			
				000					
	5V	MC		001	5V				
	5V	MC		002	5V				
	5V	MC		003	5V				
	5V	MC		004	5V				
	5V	MC		005	5V				
	5V	MC		006	5V				
	5V	MC		007	5V				
				008					
				009					
TO CAD 6	5V	CA1		100	5V			3	
	5V	MC		101	5V				
	5V	MC		102	5V				
	5V	MC		103	5V				
	5V	MC		104	5V				
	5V	MC		105	5V				
	5V	MC		106	5V				
	5V	MC		107	5V				
				108					
				109					

CAD 4

(FOR USE WITH ED-4C005-30,OPTION S)

TO CONNECTION DESTINATION	TO CONNECTION LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	FROM CONNECTION TERMINATION	FROM CONNECTION TERMINAL	OPT	NOTE
.....J2				03-44	JACK/PM	(NOTE 1).....			
				200					
TO CAD 6	S9RTN	CA1		201	S9RTN			4	
	S9RTN	MC		202	S9RTN				
	S9RTN	MC		203	S9RTN				
	S9RTN	MC		204	S9RTN				
	S9RTN	MC		205	S9RTN				
				206					
				207					
				208					
				209					
	S9RTN	MC		300	S9RTN				
	S9RTN	MC		301	S9RTN				
	S9RTN	MC		302	S9RTN				
	S9RTN	MC		303	S9RTN				
	S9RTN	MC		304	S9RTN				
	S9RTN	MC		305	S9RTN				
				306					
				307					
				308					
				309					

CAD 5

(FOR USE WITH ED-4C005-30,OPTION S)

TO CONNECTION DESTINATION	TO CONNECTION LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	FROM CONNECTION TERMINATION	FROM CONNECTION TERMINAL	OPT	NOTE
.....J3				03-44	JACK/PM	(NOTE 1).....			
				000					
	-5V	MC		001	-5V				
	-5V	MC		002	-5V				
	-5V	MC		003	-5V				
				004					
TO CAD 6	12V	CA1		005	12V			3	
	12V	MC		006	12V				
	12V	MC		007	12V				
				008					
				009					

CAD 5

(CONT'D)

TO CONNECTION DESTINATION	TO CONNECTION LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	FROM CONNECTION TERMINATION	FROM CONNECTION TERMINAL	OPT	NOTE
.....J3				03-44 (CONT'D)	JACK/PM	(NOTE 1).....			
				100					
TO CAD 6	-5V	CA1		101	-5V				3
	-5V	MC		102	-5V				
	-5V	MC		103	-5V				
				104					
	12V	MC		105	12V				
	12V	MC		106	12V				
	12V	MC		107	12V				
				108					
				109					

CAD 6

(FOR ED-4C005-30)

TO CONNECTION DESTINATION	TO CONNECTION LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	FROM CONNECTION TERMINATION	FROM CONNECTION TERMINAL	OPT	NOTE
.....5VCTF				01-35S	LUG	(NOTE 2).....			
(S) TO CONN CKT 5V039A				5VCTF	5V039A			S	
.....-5V				03-35S	LUG	(NOTE 2).....			
TO CAD 5	-5V	CA1		-5V	-5V			S	3
.....GRDA				03-35S	LUG	(NOTE 2).....			
TO CAD 4	S9RTN	CA1		GRDA	0GRDMOD			S	4
TO CAD 7	5T	CA1		GRDA	0GRDMOD			S	3
.....GRD8				03-35S	LUG	(NOTE 2).....			
(S) TO CONN CKT 5T039A				GRD8	0GRDMOD			S	
.....12V				03-35S	LUG	(NOTE 2).....			
TO CAD 5	12V	CA1		12V	12V			S	3
.....5V				03-35S	LUG	(NOTE 2).....			
TO CAD 3	5V	CA1		5V	5V			S	3

MAIN STORE MEMORY

DWG SIZE C2 | ISSUE 2D

BELL LABORATORIES | SD-1C903-02 | GB4

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CAD 7

(FOR USE WITH ED-4C005-30,OPTION S)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J4				03-38	JACK/PM	(NOTE 1).....			
				200					
	ST	MC		201	5T				
	5T	MC		202	5T				
	5T	MC		203	5T				
	5T	MC		204	5T				
	5T	MC		205	5T				
	5T	MC		206	5T				
	5T	MC		207	5T				
				208					
				209					
TO CAD 6	5T	CA1		300	5T				3
	5T	MC		301	5T				
	5T	MC		302	5T				
	5T	MC		303	5T				
	5T	MC		304	5T				
	5T	MC		305	5T				
	5T	MC		306	5T				
	5T	MC		307	5T				
				308					
				309					

CAD 8

(FOR ED-4C091-30)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....5VCTF				01-41S	LUG	(NOTE 2).....			
(R) TO CONN CKT 5V039A				5VCTF	5V039A			R	
.....GRD				01-42S	LUG	(NOTE 2).....			
(R) TO CONN CKT 5T039A				GRD	0GRDMOD			R	

MAIN STORE MEMORY		DWG SIZE C2	ISSUE 2D
BELL LABORATORIES	SD-1C903-02		GB5

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