

Burroughs Corporation

ELECTRODATA M & E DIVISION - PASADENA CALIFORNIA

CHANGE SHEET

DOCUMENT TITLE

B-5000 1/2 USEC CORE MEMORY EQUATION BOOK

7-11161601

PAGE .01 OF 161

REV.
AB

REV. LTR.	CONT. DOC. & NO.	ORIG. BY	CHKD. BY	APP'D BY & DATE	PAGE	LINE OR P	REVISION DESCRIPTION	REV. LTR.	CONT. DOC. & NO.	ORIG. BY	CHKD. BY	APP'D BY & DATE	PAGE	LINE OR P	REVISION DESCRIPTION
AA	ECN 6473	JSG					Released								
AB	ECN 6693	JSG		<i>3/16/68</i>			PAGE REVISION WAS: PAGE REVISION IS: " 17 was: AA " 17 is: AB " 71 was: AA " 71 is: AB " 94 " AA " 94 " AB " 103 " AA " 103 " AB " 104 " AA " 104 " AB " 106 " AA " 106 " AB " 108 " AA " 108 " AB								

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
[A+10]	ADDRESS REGISTER PLUS ONE DRIVER	0001.00	AA
[A+1L]	ADDRESS REGISTER PLUS ONE LEVEL	0001.00	AA
[A+1S/]	ADDRESS REGISTER PLUS ONE NOT SWITCH	0001.00	AA
[A+1S]	ADDRESS REGISTER PLUS ONE SWITCH	0001.00	AA
AC0F	ADDRESS COUNTER DELAY FF	0002.00	AA
A01F	ADDRESS REGISTER	0002.00	AA
A02F	ADDRESS REGISTER	0003.00	AA
A03F	ADDRESS REGISTER	0003.00	AA
A04F	ADDRESS REGISTER	0004.00	AA
A05F	ADDRESS REGISTER	0004.00	AA
A06F	ADDRESS REGISTER	0005.00	AA
A07F	ADDRESS REGISTER	0005.00	AA
A08F	ADDRESS REGISTER	0006.00	AA
A09F	ADDRESS REGISTER	0006.00	AA
A10F	ADDRESS REGISTER	0007.00	AA
A11F	ADDRESS REGISTER	0007.00	AA
A12F	ADDRESS REGISTER	0008.00	AA
AX1S	ADDRESS X 1 SWITCH	0008.00	AA
AX1S/	ADDRESS X 1 SWITCH NOT	0008.00	AA
AX2S	ADDRESS X 2 SWITCH	0009.00	AA
AX2S/	ADDRESS X 2 SWITCH NOT	0009.00	AA
AX3S	ADDRESS X 3 SWITCH	0009.00	AA
AX3S/	ADDRESS X 3 SWITCH NOT	0009.00	AA
AX4S	ADDRESS X 4 SWITCH	0010.00	AA
AX4S/	ADDRESS X 4 SWITCH NOT	0010.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
AX5S	ADDRESS X 5 SWITCH	0010.00	AA
AX5S/	ADDRESS X 5 SWITCH NOT	0010.00	AA
AX6S	ADDRESS X 6 SWITCH	0011.00	AA
AX6S/	ADDRESS X 6 SWITCH NOT	0011.00	AA
AY1S	ADDRESS Y 1 SWITCH	0011.00	AA
AY1S/	ADDRESS Y 1 SWITCH NOT	0011.00	AA
AY2S	ADDRESS Y 2 SWITCH	0012.00	AA
AY2S/	ADDRESS Y 2 SWITCH NOT	0012.00	AA
AY3S	ADDRESS Y 3 SWITCH	0012.00	AA
AY3S/	ADDRESS Y 3 SWITCH NOT	0012.00	AA
AY4S	ADDRESS Y 4 SWITCH	0013.00	AA
AY4S/	ADDRESS Y 4 SWITCH NOT	0013.00	AA
AY5S	ADDRESS Y 5 SWITCH	0013.00	AA
AY5S/	ADDRESS Y 5 SWITCH NOT	0013.00	AA
AY6S	ADDRESS Y 6 SWITCH	0014.00	AA
AY6S/	ADDRESS Y 6 SWITCH NOT	0014.00	AA
CAG001	COMMON [AND] GATE	0014.00	AA
CAG002	COMMON [AND] GATE	0014.00	AA
CAG003	COMMON [AND] GATE	0015.00	AA
CAG004	COMMON [AND] GATE	0015.00	AA
CAG005	COMMON [AND] GATE	0015.00	AA
CAG006	COMMON [AND] GATE	0015.00	AA
CAG007	COMMON [AND] GATE	0015.00	AA
CAG008	COMMON [AND] GATE	0016.00	AA
CCP-1	LOCAL CLOCK DRIVER OUTPUT 1	0016.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
CCP-2	LOCAL CLOCK DRIVER OUTPUT 2	0016.00	AA
CCP-3	LOCAL CLOCK DRIVER OUTPUT 3	0016.00	AA
CCP-4	LOCAL CLOCK DRIVER OUTPUT 4	0016.00	AA
CCP-5	LOCAL CLOCK DRIVER OUTPUT 5	0016.00	AA
CCP-6	LOCAL CLOCK DRIVER OUTPUT 6	0016.00	AA
ICLP-1	LOCAL CLOCK OSCILLATOR OUTPUT 1	0017.00	AB
ICLP-2	LOCAL CLOCK OSCILLATOR OUTPUT 2	0017.00	AB
1MCP	LOCAL 1 MC PULSE	0017.00	AB
COYD	COUNT Y DRIVER	0017.00	AB
CTUS	CONTINUE SWITCH	0017.00	AB
GAAS	PARITY ODD 101F THRU 104F SWITCH	0018.00	AA
EAAS	PARITY EVEN 101F THRU 104F SWITCH	0018.00	AA
OBAS	PARITY ODD 105F THRU 108F SWITCH	0018.00	AA
ERAS	PARITY EVEN 105F THRU 108F SWITCH	0019.00	AA
OCAS	PARITY ODD 109F THRU 112F SWITCH	0019.00	AA
ECAS	PARITY EVEN 109F THRU 112F SWITCH	0020.00	AA
ODAS	PARITY ODD 113F THRU 116F SWITCH	0020.00	AA
EDAS	PARITY EVEN 113F THRU 116F SWITCH	0021.00	AA
OEAS	PARITY ODD 117F THRU 120F SWITCH	0021.00	AA
EFAS	PARITY EVEN 117F THRU 120F SWITCH	0022.00	AA
OFAS	PARITY ODD 121F THRU 124F SWITCH	0022.00	AA
EFAS	PARITY EVEN 121F THRU 124F SWITCH	0023.00	AA
OGAS	PARITY ODD 125F THRU 128F SWITCH	0023.00	AA
EGAS	PARITY EVEN 125F THRU 128F SWITCH	0024.00	AA
OHAS	PARITY ODD 129F THRU 132F SWITCH	0024.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
EHAS	PARITY EVEN 129F THRU 132F SWITCH	0025.00	AA
OIAS	PARITY ODD 133F THRU 136F SWITCH	0025.00	AA
EIAS	PARITY EVEN 133F THRU 136F SWITCH	0026.00	AA
OJAS	PARITY ODD 137F THRU 140F SWITCH	0026.00	AA
EJAS	PARITY EVEN 137F THRU 140F SWITCH	0027.00	AA
OKAS	PARITY ODD 141F THRU 144F SWITCH	0027.00	AA
EKAS	PARITY EVEN 141F THRU 144F SWITCH	0028.00	AA
OLAS	PARITY ODD 145F THRU 148F SWITCH	0028.00	AA
ELAS	PARITY EVEN 145F THRU 148F SWITCH	0029.00	AA
DAHS	PARITY ODD AA THRU DA SWITCH	0029.00	AA
EAHS	PARITY EVEN AA THRU DA SWITCH	0030.00	AA
ORHS	PARITY ODD EA THRU HA SWITCH	0030.00	AA
ERHS	PARITY EVEN EA THRU HA SWITCH	0031.00	AA
OCBS	PARITY ODD IA THRU LA SWITCH	0031.00	AA
ECBS	PARITY EVEN IA THRU LA SWITCH	0032.00	AA
I010-1	INHIBIT DRIVER	0032.00	AA
I010-2	INHIBIT DRIVER	0032.00	AA
I020-1	INHIBIT DRIVER	0033.00	AA
I020-2	INHIBIT DRIVER	0033.00	AA
I030-1	INHIBIT DRIVER	0033.00	AA
I030-2	INHIBIT DRIVER	0033.00	AA
I040-1	INHIBIT DRIVER	0033.00	AA
I040-2	INHIBIT DRIVER	0033.00	AA
I050-1	INHIBIT DRIVER	0034.00	AA
I050-2	INHIBIT DRIVER	0034.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
I060-1	INHIBIT DRIVER	0034.00	AA
I060-2	INHIBIT DRIVER	0034.00	AA
I070-1	INHIBIT DRIVER	0034.00	AA
I070-2	INHIBIT DRIVER	0034.00	AA
I080-1	INHIBIT DRIVER	0035.00	AA
I080-2	INHIBIT DRIVER	0035.00	AA
I090-1	INHIBIT DRIVER	0035.00	AA
I090-2	INHIBIT DRIVER	0035.00	AA
I100-1	INHIBIT DRIVER	0035.00	AA
I100-2	INHIBIT DRIVER	0035.00	AA
I110-1	INHIBIT DRIVER	0036.00	AA
I110-2	INHIBIT DRIVER	0036.00	AA
I120-1	INHIBIT DRIVER	0036.00	AA
I120-2	INHIBIT DRIVER	0036.00	AA
I130-1	INHIBIT DRIVER	0036.00	AA
I130-2	INHIBIT DRIVER	0036.00	AA
I140-1	INHIBIT DRIVER	0037.00	AA
I140-2	INHIBIT DRIVER	0037.00	AA
I150-1	INHIBIT DRIVER	0037.00	AA
I150-2	INHIBIT DRIVER	0037.00	AA
I160-1	INHIBIT DRIVER	0037.00	AA
I160-2	INHIBIT DRIVER	0037.00	AA
I170-1	INHIBIT DRIVER	0038.00	AA
I170-2	INHIBIT DRIVER	0038.00	AA
I180-1	INHIBIT DRIVER	0038.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
I180-2	INHIBIT DRIVER	0038.00	AA
I190-1	INHIBIT DRIVER	0039.00	AA
I190-2	INHIBIT DRIVER	0039.00	AA
I200-1	INHIBIT DRIVER	0039.00	AA
I200-2	INHIBIT DRIVER	0039.00	AA
I210-1	INHIBIT DRIVER	0039.00	AA
I210-2	INHIBIT DRIVER	0039.00	AA
I220-1	INHIBIT DRIVER	0039.00	AA
I220-2	INHIBIT DRIVER	0039.00	AA
I230-1	INHIBIT DRIVER	0040.00	AA
I230-2	INHIBIT DRIVER	0040.00	AA
I240-1	INHIBIT DRIVER	0040.00	AA
I240-2	INHIBIT DRIVER	0040.00	AA
I250-1	INHIBIT DRIVER	0040.00	AA
I250-2	INHIBIT DRIVER	0040.00	AA
I260-1	INHIBIT DRIVER	0041.00	AA
I260-2	INHIBIT DRIVER	0041.00	AA
I270-1	INHIBIT DRIVER	0041.00	AA
I270-2	INHIBIT DRIVER	0041.00	AA
I280-1	INHIBIT DRIVER	0041.00	AA
I280-2	INHIBIT DRIVER	0041.00	AA
I290-1	INHIBIT DRIVER	0042.00	AA
I290-2	INHIBIT DRIVER	0042.00	AA
I300-1	INHIBIT DRIVER	0042.00	AA
I300-2	INHIBIT DRIVER	0042.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
1310-1	INHIBIT DRIVER	0042.00	AA
1310-2	INHIBIT DRIVER	0042.00	AA
1320-1	INHIBIT DRIVER	0043.00	AA
1320-2	INHIBIT DRIVER	0043.00	AA
1330-1	INHIBIT DRIVER	0043.00	AA
1330-2	INHIBIT DRIVER	0043.00	AA
1340-1	INHIBIT DRIVER	0043.00	AA
1340-2	INHIBIT DRIVER	0043.00	AA
1350-1	INHIBIT DRIVER	0044.00	AA
1350-2	INHIBIT DRIVER	0044.00	AA
1360-1	INHIBIT DRIVER	0044.00	AA
1360-2	INHIBIT DRIVER	0044.00	AA
1370-1	INHIBIT DRIVER	0044.00	AA
1370-2	INHIBIT DRIVER	0044.00	AA
1380-1	INHIBIT DRIVER	0045.00	AA
1380-2	INHIBIT DRIVER	0045.00	AA
1390-1	INHIBIT DRIVER	0045.00	AA
1390-2	INHIBIT DRIVER	0045.00	AA
1400-1	INHIBIT DRIVER	0045.00	AA
1400-2	INHIBIT DRIVER	0045.00	AA
1410-1	INHIBIT DRIVER	0046.00	AA
1410-2	INHIBIT DRIVER	0046.00	AA
1420-1	INHIBIT DRIVER	0046.00	AA
1420-2	INHIBIT DRIVER	0046.00	AA
1430-1	INHIBIT DRIVER	0046.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
1430-2	INHIBIT DRIVER	0046.00	AA
1440-1	INHIBIT DRIVER	0047.00	AA
1440-2	INHIBIT DRIVER	0047.00	AA
1450-1	INHIBIT DRIVER	0047.00	AA
1450-2	INHIBIT DRIVER	0047.00	AA
1460-1	INHIBIT DRIVER	0047.00	AA
1460-2	INHIBIT DRIVER	0047.00	AA
1470-1	INHIBIT DRIVER	0048.00	AA
1470-2	INHIBIT DRIVER	0048.00	AA
1480-1	INHIBIT DRIVER	0048.00	AA
1480-2	INHIBIT DRIVER	0048.00	AA
1490-1	INHIBIT DRIVER	0048.00	AA
1490-2	INHIBIT DRIVER	0048.00	AA
101F	INFORMATION REGISTER	0049.00	AA
102F	INFORMATION REGISTER	0050.00	AA
103F	INFORMATION REGISTER	0051.00	AA
104F	INFORMATION REGISTER	0052.00	AA
105F	INFORMATION REGISTER	0053.00	AA
106F	INFORMATION REGISTER	0054.00	AA
107F	INFORMATION REGISTER	0055.00	AA
108F	INFORMATION REGISTER	0056.00	AA
109F	INFORMATION REGISTER	0057.00	AA
110F	INFORMATION REGISTER	0058.00	AA
111F	INFORMATION REGISTER	0059.00	AA
112F	INFORMATION REGISTER	0060.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
113F	INFORMATION REGISTER	0061.00	AA
114F	INFORMATION REGISTER	0062.00	AA
115F	INFORMATION REGISTER	0063.00	AA
116F	INFORMATION REGISTER	0064.00	AA
117F	INFORMATION REGISTER	0065.00	AA
118F	INFORMATION REGISTER	0066.00	AA
119F	INFORMATION REGISTER	0067.00	AA
120F	INFORMATION REGISTER	0068.00	AA
121F	INFORMATION REGISTER	0069.00	AA
122F	INFORMATION REGISTER	0070.00	AA
123F	INFORMATION REGISTER	0071.00	AB
124F	INFORMATION REGISTER	0072.00	AA
125F	INFORMATION REGISTER	0073.00	AA
126F	INFORMATION REGISTER	0074.00	AA
127F	INFORMATION REGISTER	0075.00	AA
128F	INFORMATION REGISTER	0076.00	AA
129F	INFORMATION REGISTER	0077.00	AA
130F	INFORMATION REGISTER	0078.00	AA
131F	INFORMATION REGISTER	0079.00	AA
132F	INFORMATION REGISTER	0080.00	AA
133F	INFORMATION REGISTER	0081.00	AA
134F	INFORMATION REGISTER	0082.00	AA
135F	INFORMATION REGISTER	0083.00	AA
136F	INFORMATION REGISTER	0084.00	AA
137F	INFORMATION REGISTER	0085.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
138F	INFORMATION REGISTER	0086.00	AA
139F	INFORMATION REGISTER	0087.00	AA
140F	INFORMATION REGISTER	0088.00	AA
141F	INFORMATION REGISTER	0089.00	AA
142F	INFORMATION REGISTER	0090.00	AA
143F	INFORMATION REGISTER	0091.00	AA
144F	INFORMATION REGISTER	0092.00	AA
145F	INFORMATION REGISTER	0093.00	AA
146F	INFORMATION REGISTER	0094.00	AH
147F	INFORMATION REGISTER	0095.00	AA
148F	INFORMATION REGISTER	0096.00	AA
149F	INFORMATION REGISTER	0097.00	AA
MACD	MEMORY A REGISTER CLEAN DRIVER	0097.00	AA
MANS/	MANUAL NOT SWITCH	0098.00	AA
MC1D	MAINTENANCE CONTROL 1 BIT DRIVER	0098.00	AA
MC2D	MAINTENANCE CONTROL 2 BIT DRIVER	0099.00	AA
MC4D	MAINTENANCE CONTROL 4 BIT DRIVER	0098.00	AA
MC8D	MAINTENANCE CONTROL 8 BIT DRIVER	0099.00	AA
MCAD	MAINTENANCE CONTROL A BIT DRIVER	0099.00	AA
MCHD	MAINTENANCE CONTROL B BIT DRIVER	0099.00	AA
MC1S/	MAINTENANCE CONTROL 1 BIT NOT SWITCH	0099.00	AA
MC2S/	MAINTENANCE CONTROL 2 BIT NOT SWITCH	0100.00	AA
MC4S/	MAINTENANCE CONTROL 4 BIT NOT SWITCH	0100.00	AA
MC8S/	MAINTENANCE CONTROL 8 BIT NOT SWITCH	0100.00	AA
MCAS/	MAINTENANCE CONTROL A BIT NOT SWITCH	0100.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
MCBS/	MAINTENANCE CONTROL B BIT NOT SWITCH	0100.00	AA
MCFS/	MEMORY CYCLE FINISHED NOT SWITCH	0101.00	AA
MEHF	MEMORY ERROR FF	0102.00	AA
MICD-1	MEMORY I REGISTER CLEAR DRIVER 1	0103.00	AB
MICD-2	MEMORY I REGISTER CLEAR DRIVER 2	0103.00	AB
MICM	MEMORY I REGISTER CLEAR MULTI	0103.00	AB
MIHD	MEMORY INHIBIT DRIVER	0103.00	AB
MIHM	MEMORY INHIBIT MULTI	0104.00	AB
MIHS/	MEMORY INHIBIT SWITCH	0104.00	AB
MISD	MEMORY INHIBIT STROBE DRIVER	0104.00	AB
MP1F	MEMORY PULSE COUNTER FF	0105.00	AA
MP2F	MEMORY PULSE COUNTER FF	0105.00	AA
MR2M	MEMORY READ 2 MULTI	0106.00	AB
MRWP	MEMORY READ TO WRITE DELAY PULSE	0106.00	AB
MS1M	MEMORY SWITCH 1 MULTI	0106.00	AB
MSTD	MEMORY START DRIVER	0106.00	AB
MSTF	MEMORY START FF	0107.00	AA
MSTL	MEMORY START LEVEL	0107.00	AA
MSTS	MEMORY START SWITCH	0107.00	AA
MSTS/	MEMORY START NOT SWITCH	0108.00	AB
MW2M	MEMORY WRITE 2 MULTI	0108.00	AB
MW2S	MEMORY WRITE 2 MULTI SWITCH	0108.00	AB
MWCF	MAINTENANCE WORST CASE FF	0109.00	AA
MWRF	MEMORY WRITE FF	0110.00	AA
PO3S	PULSE COUNTER EQUALS 0 OR 3 SWITCH	0110.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
PC2D	PULSE COUNTER EQUALS 2 DRIVER	0110.00	AA
PC1S	CHECKER BOARD CONTROL LOGIC 1	0111.00	AA
PC2S	CHECKER BOARD CONTROL LOGIC 2	0111.00	AA
PC3S	CHECKER BOARD CONTROL LOGIC 3	0111.00	AA
PC4S	CHECKER BOARD CONTROL LOGIC 4	0111.00	AA
PEHL	PARITY ERROR LEVEL	0112.00	AA
RA0D	HEAD ACCESS OBTAINED DRIVER	0112.00	AA
RA0S/	HEAD ACCESS OBTAINED NOT SWITCH	0112.00	AA
RTSD-1	HEAD INFORMATION STROBE DRIVER 1	0112.00	AA
RTSD-2	HEAD INFORMATION STROBE DRIVER 2	0112.00	AA
RTSD-3	HEAD INFORMATION STROBE DRIVER 3	0113.00	AA
RTSD-4	HEAD INFORMATION STROBE DRIVER 4	0113.00	AA
RSPD-1	RESET SINGLE PULSE DRIVER 1	0113.00	AA
RSPD-2	RESET SINGLE PULSE DRIVER 2	0113.00	AA
S1HS	SENSE 1 HIT/S SWITCH	0113.00	AA
S1HS/	SENSE 1 HIT/S SWITCH NOT	0113.00	AA
S2HS	SENSE 2 BIT/S SWITCH	0114.00	AA
S2HS/	SENSE 2 HIT/S SWITCH NOT	0114.00	AA
S4HS	SENSE 4 BIT/S SWITCH	0114.00	AA
S4HS/	SENSE 4 BIT/S SWITCH NOT	0114.00	AA
S8HS	SENSE 8 BIT/S SWITCH	0114.00	AA
S8HS/	SENSE 8 BIT/S SWITCH NOT	0115.00	AA
S16S	SENSE 16 BIT/S SWITCH	0115.00	AA
S16S/	SENSE 16 BIT/S SWITCH NOT	0115.00	AA
S32S	SENSE 32 HIT/S SWITCH	0115.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
S445/	SENSE H BIT/S SWITCH NUT	0115.00	AA
S01P	SENSE AMPS	0116.00	AA
S02P	SENSE AMPS	0116.00	AA
S03P	SENSE AMPS	0116.00	AA
S04P	SENSE AMPS	0116.00	AA
S05P	SENSE AMPS	0117.00	AA
S06P	SENSE AMPS	0117.00	AA
S07P	SENSE AMPS	0117.00	AA
S08P	SENSE AMPS	0117.00	AA
S09P	SENSE AMPS	0118.00	AA
S10P	SENSE AMPS	0118.00	AA
S11P	SENSE AMPS	0118.00	AA
S12P	SENSE AMPS	0118.00	AA
S13P	SENSE AMPS	0119.00	AA
S14P	SENSE AMPS	0119.00	AA
S15P	SENSE AMPS	0119.00	AA
S16P	SENSE AMPS	0119.00	AA
S17P	SENSE AMPS	0120.00	AA
S18P	SENSE AMPS	0120.00	AA
S19P	SENSE AMPS	0120.00	AA
S20P	SENSE AMPS	0120.00	AA
S21P	SENSE AMPS	0121.00	AA
S22P	SENSE AMPS	0121.00	AA
S23P	SENSE AMPS	0121.00	AA
S24P	SENSE AMPS	0121.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
S25P	SENSE AMPS	0122.00	AA
S26P	SENSE AMPS	0122.00	AA
S27P	SENSE AMPS	0122.00	AA
S28P	SENSE AMPS	0122.00	AA
S29P	SENSE AMPS	0123.00	AA
S30P	SENSE AMPS	0123.00	AA
S31P	SENSE AMPS	0123.00	AA
S32P	SENSE AMPS	0123.00	AA
S33P	SENSE AMPS	0124.00	AA
S34P	SENSE AMPS	0124.00	AA
S35P	SENSE AMPS	0124.00	AA
S36P	SENSE AMPS	0124.00	AA
S37P	SENSE AMPS	0125.00	AA
S38P	SENSE AMPS	0125.00	AA
S39P	SENSE AMPS	0125.00	AA
S40P	SENSE AMPS	0125.00	AA
S41P	SENSE AMPS	0126.00	AA
S42P	SENSE AMPS	0126.00	AA
S43P	SENSE AMPS	0126.00	AA
S44P	SENSE AMPS	0126.00	AA
S45P	SENSE AMPS	0127.00	AA
S46P	SENSE AMPS	0127.00	AA
S47P	SENSE AMPS	0127.00	AA
S48P	SENSE AMPS	0127.00	AA
S49P	SENSE AMPS	0128.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
SPUS	SINGLE PULSE SWITCH	0128.00	AA
STTP	STROBE TIME PULSE	0128.00	AA
TRMS/	REMOTE NOT SWITCH	0128.00	AA
WISD-1	WRITE INFORMATION STROBE DRIVER 1	0129.00	AA
WISD-2	WRITE INFORMATION STROBE DRIVER 2	0129.00	AA
XR0D	X AXIS READ DRIVER	0129.00	AA
XW0D	X AXIS WRITE DRIVER	0129.00	AA
XR1D	X AXIS READ DRIVER	0130.00	AA
XW1D	X AXIS WRITE DRIVER	0130.00	AA
XR2D	X AXIS READ DRIVER	0130.00	AA
XW2D	X AXIS WRITE DRIVER	0130.00	AA
XR3D	X AXIS READ DRIVER	0131.00	AA
XW3D	X AXIS WRITE DRIVER	0131.00	AA
XR4D	X AXIS READ DRIVER	0131.00	AA
XW4D	X AXIS WRITE DRIVER	0131.00	AA
XR5D	X AXIS READ DRIVER	0132.00	AA
XW5D	X AXIS WRITE DRIVER	0132.00	AA
XR6D	X AXIS READ DRIVER	0132.00	AA
XW6D	X AXIS WRITE DRIVER	0132.00	AA
XR7D	X AXIS READ DRIVER	0133.00	AA
XW7D	X AXIS WRITE DRIVER	0133.00	AA
X00S	X AXIS SWITCH OUTPUT	0133.00	AA
X00G	X AXIS SWITCH RETURN	0133.00	AA
X10S	X AXIS SWITCH OUTPUT	0133.00	AA
X10G	X AXIS SWITCH RETURN	0133.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
X20S	X AXIS SWITCH OUTPUT	0134.00	AA
X20G	Y AXIS SWITCH RETURN	0134.00	AA
X30S	X AXIS SWITCH OUTPUT	0134.00	AA
X30G	X AXIS SWITCH RETURN	0134.00	AA
X40S	X AXIS SWITCH OUTPUT	0135.00	AA
X40G	X AXIS SWITCH RETURN	0135.00	AA
X50S	X AXIS SWITCH OUTPUT	0135.00	AA
X50G	X AXIS SWITCH RETURN	0135.00	AA
X60S	X AXIS SWITCH OUTPUT	0136.00	AA
X60G	X AXIS SWITCH RETURN	0136.00	AA
X70S	X AXIS SWITCH OUTPUT	0136.00	AA
X70G	X AXIS SWITCH RETURN	0136.00	AA
YR0D	Y AXIS READ DRIVER	0136.00	AA
YW0D	Y AXIS WRITE DRIVER	0136.00	AA
YR1D	Y AXIS READ DRIVER	0137.00	AA
YW1D	Y AXIS WRITE DRIVER	0137.00	AA
YR2D	Y AXIS READ DRIVER	0137.00	AA
YW2D	Y AXIS WRITE DRIVER	0137.00	AA
YR3D	Y AXIS READ DRIVER	0139.00	AA
YW3D	Y AXIS WRITE DRIVER	0138.00	AA
YR4D	Y AXIS READ DRIVER	0138.00	AA
YW4D	Y AXIS WRITE DRIVER	0138.00	AA
YR5D	Y AXIS READ DRIVER	0139.00	AA
YW5D	Y AXIS WRITE DRIVER	0139.00	AA
YR6D	Y AXIS READ DRIVER	0139.00	AA

ELEMENT	DESCRIPTION	BOOK PAGE NO.	REV.
YH6D	Y AXIS WRITE DRIVER	0139.00	AA
YR7D	Y AXIS READ DRIVER	0140.00	AA
YW7D	Y AXIS WRITE DRIVER	0140.00	AA
Y0JS	Y AXIS SWITCH OUTPUT	0140.00	AA
Y00G	Y AXIS SWITCH RETURN	0140.00	AA
Y10S	Y AXIS SWITCH OUTPUT	0140.00	AA
Y10G	Y AXIS SWITCH RETURN	0140.00	AA
Y20S	Y AXIS SWITCH OUTPUT	0141.00	AA
Y20G	Y AXIS SWITCH RETURN	0141.00	AA
Y30S	Y AXIS SWITCH OUTPUT	0141.00	AA
Y30G	Y AXIS SWITCH RETURN	0141.00	AA
Y40S	Y AXIS SWITCH OUTPUT	0142.00	AA
Y40G	Y AXIS SWITCH RETURN	0142.00	AA
Y50S	Y AXIS SWITCH OUTPUT	0142.00	AA
Y50G	Y AXIS SWITCH RETURN	0142.00	AA
Y60S	Y AXIS SWITCH OUTPUT	0143.00	AA
Y60G	Y AXIS SWITCH RETURN	0143.00	AA
Y70S	Y AXIS SWITCH OUTPUT	0143.00	AA
Y70G	Y AXIS SWITCH RETURN	0143.00	AA

[A+1D] DR 9	010
-0= [A+1D]	020
-1= + COML,MSTF,MNCF/.(+MSTL,PO3S,MANL	030
+MP1F,MP2F,MANL	040
+MSTL,PO3S,MNRF	050
+MP1F,MP2F,MNRF)	060
+ [A+1L]	070
[A+1L] SYN=HI	080
-0= [A+1L]	090
-1= [A+1S].TRMS/	100
[A+1S/] SM 4	110
-0/= [A+1S/]	120
-1= + STAL	130
+ [A+1S]	140
[A+1S] SM 4	150
-0/= [A+1S]	160
-1= + STAL/	170
+ [A+1S/]	180

ACDF	FF 7		010
-1-	ACDF		020
-0-	ACDF/		030
-JCL-	GROUND		040
-KCL-	GROUND		050
-S-	CCP-5		060
-R-	ACDF		070
A01F	FFN7		080
-1-	A01F		090
-0-	A01F/		100
-JCL-+	AX1S/.COXL.(A+10)		110
	+ A01S-C.MSTD	. *B STICK*	120
-KCL-+	AX1S.COXL.(A+10)		130
	+ RSPD-2		140
-R-	MACD		150

A02F	FFN7		010
-1-	A02F		020
-0-	A02F/		030
-JCL-+	AX1S.AX2S/.COXL.(A+10)		040
	+ A02S-C.MSTD	. *B STICK*	050
-KCL-+	CAG001		060
	+ RSPD-2		070
-R-	MACD		080
A03F	FFN7		090
-1-	A03F		100
-0-	A03F/		110
-JCL-+	CAG001.AX3S/		120
	+ A03S-C.MSTD	. *B STICK*	130
-KCL-+	CAG001.AX3S		140
	+ RSPD-2		150
-R-	MACD		160

A04F	FFN7		010
-1-	A04F		020
-0-	A04F/		030
-JCL-+	CAG001.AX3S.AX4S/		040
	+ A04S-C.MSTD	.#B STICK#	050
-KCL-+	CAG002		060
	+ RSPD=2		070
-R-	MACD		080
A05F	FFN7		090
-1-	A05F		100
-0-	A05F/		110
-JCL-+	CAG002.AX5S/		120
	+ A05S-C.MSTD	.#B STICK#	130
-KCL-+	CAG002.AX5S		140
	+ RSPD=2		150
-R-	MACD		160

A06F	FFN7		010
-1-	A06F		020
-0-	A06F/		030
-JCL-+	CAG002.AX5S.AX6S/		040
	+ A06S-C.MSTD	.#B STICK#	050
-KCL-+	CAG002.AX5S.AX6S		060
	+ RSPD=2		070
-R-	MACD		080
A07F	FFN7		090
-1-	A07F		100
-0-	A07F/		110
-JCL-+	COYD.AY1S/		120
	+ A07S-C.MSTD	.#B STICK#	130
-KCL-+	COYD.AY1S		140
	+ RSPD=2		150
-R-	MACD		160

A08F	FFN7		010
-1-	A08F		020
-0-	A08F/		030
-JCL-+	COYD.AY1S.AY2S/		040
+	A08S-C.MSTD	.*B STICK*	050
-KCL-+	CAG003		060
+	RSPD=2		070
-R-	MACD		080
A09F	FFN7		090
-1-	A09F		100
-0-	A09F/		110
-JCL-+	CAG003.AY3S/		120
+	A09S-C.MSTD	.*B STICK*	130
-KCL-+	CAG003.AY3S		140
+	RSPD=2		150
-R-	MACD		160

A10F	FFN7		010
-1-	A10F		020
-0-	A10F/		030
-JCL-+	CAG003.AY3S.AY4S/		040
+	A10S-C.MSTD	.*B STICK*	050
-KCL-+	CAG004		060
+	RSPD=2		070
-R-	MACD		080
A11F	FFN7		090
-1-	A11F		100
-0-	A11F/		110
-JCL-+	CAG004.AY5S/		120
+	A11S-C.MSTD	.*B STICK*	130
-KCL-+	CAG004.AY5S		140
+	RSPD=2		150
-R-	MACD		160

A12F	FFN7		010
-1-	A12F		020
-0-	A12F/		030
-JCL-+	CAG004.AY5S.AY6S/		040
+	A12S=C.MSTD	*B STICK*	050
-KCL-+	CAG004.AY5S.AY6S		060
+	RSPD=2		070
-R-	MACD		080
AX1S	SM H	*B STICK*	090
-0/-	AX1S		100
-I-	+ A01F/.ACDF		110
	+ AX1S/		120
AX1S/	SM H		130
-0/-	AX1S/		140
-I-	+ A01F.ACDF		150
	+ AX1S		160

AX2S	SM H	*B STICK*	010
-0/-	AX2S		020
-I-	+ A02F/.ACDF		030
	+ AX2S/		040
AX2S/	SM H		050
-0/-	AX2S/		060
-I-	+ A02F.ACDF		070
	+ AX2S		080
AX3S	SM H		090
-0/-	AX3S		100
-I-	+ A03F/.ACDF		110
	+ AX3S/		120
AX3S/	SM H		130
-0/-	AX3S/		140
-I-	+ A03F.ACDF		150
	+ AX3S		160

AX4S	SM H	010
-0/-	AX4S	020
-I-	+ A04F/.ACDF	030
	+ AX4S/	040
AX4S/	SM H	050
-0/-	AX4S/	060
-I-	+ A04F.ACDF	070
	+ AX4S	080
AX5S	SM H	090
-0/-	AX5S	100
-I-	+ A05F/.ACDF	110
	+ AX5S/	120
AX5S/	SM H	130
-0/-	AX5S/	140
-I-	+ A05F.ACDF	150
	+ AX5S	160

AX6S	SM H	010
-0/-	AX6S	020
-I-	+ A06F/.ACDF	030
	+ AX6S/	040
AX6S/	SM H	050
-0/-	AX6S/	060
-I-	+ A06F.ACDF	070
	+ AX6S	080
AY1S	SM H	090
	+B STICK+	
-0/-	AY1S	100
-I-	+ A07F/.ACDF	110
	+ AY1S/	120
AY1S/	SM H	130
-0/-	AY1S/	140
-I-	+ A07F.ACDF	150
	+ AY1S	160

AY2S	SM H	*B STICK*	010
-0/-	AY2S		020
-I-	+	A08F/.ACDF	030
	+	AY2S/	040
AY2S/	SM H		050
-0/-	AY2S/		060
-I-	+	A08F.ACDF	070
	+	AY2S	080
AY3S	SM H		090
-0/-	AY3S		100
-I-	+	A09F/.ACDF	110
	+	AY3S/	120
AY3S/	SM H		130
-0/-	AY3S/		140
-I-	+	A09F.ACDF	150
	+	AY3S	160

AY4S	SM H		010
-0/-	AY4S		020
-I-	+	A10F/.ACDF	030
	+	AY4S/	040
AY4S/	SM H		050
-0/-	AY4S/		060
-I-	+	A10F.ACDF	070
	+	AY4S	080
AY5S	SM H		090
-0/-	AY5S		100
-I-	+	A11F/.ACDF	110
	+	AY5S/	120
AY5S/	SM H		130
-0/-	AY5S/		140
-I-	+	A11F.ACDF	150
	+	AY5S	160

AY6S	SW H	010
-0/-	AY6S	020
-I-	♦ A12F/,ACDF	030
	♦ AY6S/	040
AY6S/	SW H	050
-0/-	AY6S/	060
-I-	♦ A12F,ACDF	070
	♦ AY6S	080
CAG		090
-0-	CAG001	100
-I-	AX1S,AX2S,COXL.[A+1D]	110
CAG		120
-0-	CAG002	130
-I-	AX1S,AX2S,AX3S,AX4S,COXL.[A+1D]	140

CAG		010
-0-	CAG003	020
-I-	COYD,AY1S,AY2S	030
CAG		040
-0-	CAG004	050
-I-	COYD,AY1S,AY2S,AY3S,AY4S	060
CAG		070
-0-	CAG005	080
-I-	AX1S,AX2S,AX3S,AX4S,AX5S,AX6S,AY1S,AY2S,AY3S,AY4S,AY5S,AY6S	090
CAG		100
-0-	CAG006	110
-I-	PC3S,TRMS/,MANS/	120
CAG		130
-0-	CAG007	140
-I-	MSTL,MP1F/,MP2F/,MSTF,MANS/	150

CAG		010	
-0-	CAG008	020	
-1-	MP1F.MP2F.MSTF.MANS/	030	
CCP	DRLC	040	
-01-	CCP-1	050	
-02-	CCP-2	060	
-03-	CCP-3	070	
-04-	CCP-4	080	
-05-	CCP-5	090	
-06-	CCP-6	100	
-11-	1MCP	*1A ONLY*	110
-12-	TRML	*NO AND STICK*	120
-13-	MCLP-C1	*NO AND STICK*	130
-14-	MCLP-C2	*NO AND STICK*	140
-15-	VARIABLE BIAS 1	*NO AND STICK*	150
-16-	VARIABLE BIAS 2	*NO AND STICK*	160

CLCK	CLSA		010
-01-	1CLP-1		020
-02-	1CLP-2		030
1MCP	MJFW	*R STICK* GND VAR BIAS INPUT	040
-0-	1MCP		050
-1-	1CLP-1.TRMS/.CLOCK		060
COYD	DR 9		070
-0-	COYD		080
-1-	COYL.(+COXL/.(A+1))		090
		+AX1S,AX2S,AX3S,AX4S,AX5S,AX6S.(A+1D1)	100
CTUS	SH H		110
-0/-	CTUS		120
-1-	+	TRML	130
	+	TSCU	140
	+	M=CF/,M=RF,CAG005.SFAL	150
	+	MANL,CAG005.SFAL	160
	+	M=RF.SOEL	170

DAAS	SM H	*R STICK*	010
-0/-	DAAS		020
-I-	EAAS		030
EAAS	SM H	*R STICK*	040
-0/-	EAAS		050
-I-	+	I04F.(+I01F.I02F.I03F/	060
		+I01F.I02F/.I03F	070
		+I01F/.I02F.I03F	080
		+I01F/.I02F/.I03F//)	090
	+	I04F/.(+I01F.I02F/.I03F/	100
		+I01F/.I02F.I03F/	110
		+I01F/.I02F/.I03F	120
		+I01F.I02F.I03F)	130
OBAS	SM H	*B STICK*	140
-0/-	OBAS		150
-I-	EBAS		160

EBAS	SM H	*B STICK*	010
-0/-	EBAS		020
-I-	+	I08F.(+I05F.I06F.I07F/	030
		+I05F.I06F/.I07F	040
		+I05F/.I06F.I07F	050
		+I05F/.I06F/.I07F//)	060
	+	I08F/.(+I05F.I06F/.I07F/	070
		+I05F/.I06F.I07F/	080
		+I05F/.I06F/.I07F	090
		+I05F.I06F.I07F)	100
OCAS	SM H	*B STICK*	110
-0/-	OCAS		120
-I-	ECAS		130

ECAS	SW 4	*B STICK*	010
-0/-	ECAS		020
-1-	+	I12F.(+I09F.I10F.I11F/ +I09F.I10F/.I11F +I09F/.I10F.I11F +I09F/.I10F/.I11F/)	030 040 050 060
	+	I12F/.(+I09F.I10F/.I11F/ +I09F/.I10F.I11F/ +I09F/.I10F/.I11F +I09F.I10F.I11F)	070 080 090 100
			110
EDAS	SW 4	*B STICK*	110
-0/-	EDAS		120
-1-	EDAS		130

EDAS	SW 4	*B STICK*	010
-0/-	EDAS		020
-1-	+	I16F.(+I13F.I14F.I15F/ +I13F.I14F/.I15F +I13F/.I14F.I15F +I13F/.I14F/.I15F/)	030 040 050 060
	+	I16F/.(+I13F.I14F/.I15F/ +I13F/.I14F.I15F/ +I13F/.I14F/.I15F +I13F.I14F.I15F)	070 080 090 100
			110
EDAS	SW 4	*B STICK*	110
-0/-	EDAS		120
-1-	EDAS		130

EEAS	SW M	*B STICK*	010
-0/-	EEAS		020
-I-	+	120F.(+117F.118F.119F/ +117F.118F/.119F +117F/.118F.119F +117F/.118F/.119F/)	030 040 050 060
	+	120F/.(+117F.118F/.119F/ +117F/.118F.119F/ +117F/.118F/.119F +117F.118F.119F)	070 080 090 100
OFAS	SW M	*B STICK*	110
-0/-	OFAS		120
-I-	EFAS		130

EFAS	SW M	*B STICK*	010
-0/-	EFAS		020
-I-	+	124F.(+121F.122F.123F/ +121F.122F/.123F +121F/.122F.123F +121F/.122F/.123F/)	030 040 050 060
	+	124F/.(+121F.122F/.123F/ +121F/.122F.123F/ +121F/.122F/.123F +121F.122F.123F)	070 080 090 100
OGAS	SW M	*B STICK*	110
-0/-	OGAS		120
-I-	EGAS		130

EGAS	SM H	*R STICK*	010
-0/-	EGAS		020
-1-	+	128F.(+125F.126F.127F/	030
		+125F.126F/.127F	040
		+125F/.126F.127F	050
		+125F/.126F/.127F/)	060
	+	128F/.(+125F.126F/.127F/	070
		+125F/.126F.127F/	080
		+125F/.126F/.127F	090
		+125F.126F.127F)	100
OHAS	SM H	*B STICK*	110
-0/-	OHAS		120
-1-		EHAS	130

EHAS	SM H	*B STICK*	010
-0/-	EHAS		020
-1-	+	132F.(+129F.130F.131F/	030
		+129F.130F/.131F	040
		+129F/.130F.131F	050
		+129F/.130F/.131F/)	060
	+	132F/.(+129F.130F/.131F/	070
		+129F/.130F.131F/	080
		+129F/.130F/.131F	090
		+129F.130F.131F)	100
OIAS	SM H	*B STICK*	110
-0/-	OIAS		120
-1-		EIAS	130

EIAS	SW H	*B STICK*	010
-0/-	EIAS		020
-I-	+	I36F.(+I33F.I34F.I35F/ +I33F.I34F/.I35F +I33F/.I34F.I35F +I33F/.I34F/.I35F//)	030 040 050 060
	+	I36F/.(+I33F.I34F/.I35F/ +I33F/.I34F.I35F// +I33F/.I34F/.I35F +I33F.I34F.I35F)	070 080 090 100

OJAS	SW H	*B STICK*	110
-0/-	OJAS		120

-I-	EJAS		130
-----	------	--	-----

EJAS	SW H	*B STICK*	010
-0/-	EJAS		020
-I-	+	I40F.(+I37F.I38F.I39F/ +I37F.I38F/.I39F +I37F/.I38F.I39F +I37F/.I38F/.I39F//)	030 040 050 060
	+	I40F/.(+I37F.I38F/.I39F/ +I37F/.I38F.I39F// +I37F/.I38F/.I39F +I37F.I38F.I39F)	070 080 090 100

OKAS	SW H	*B STICK*	110
-0/-	OKAS		120

-I-	EKAS		130
-----	------	--	-----

EKAS	SW 4	*8 STICK*	010
-0/-	EKAS		020
-I-	+	I44F.(+I41F.I42F.I43F/ +I41F.I42F/.I43F +I41F/.I42F.I43F +I41F/.I42F/.I43F/)	030 040 050 060
	+	I44F/.(+I41F.I42F/.I43F/ +I41F/.I42F.I43F/ +I41F/.I42F/.I43F +I41F.I42F.I43F)	070 080 090 100
OLAS	SW 4	*8 STICK*	110
-0/-	OLAS		120
-I-	ELAS		130

ELAS	SW 4	*8 STICK*	010
-0/-	ELAS		020
-I-	+	I48F.(+I45F.I46F.I47F/ +I45F.I46F/.I47F +I45F/.I46F.I47F +I45F/.I46F/.I47F/)	030 040 050 060
	+	I48F/.(+I45F.I46F/.I47F/ +I45F/.I46F.I47F/ +I45F/.I46F/.I47F +I45F.I46F.I47F)	070 080 090 100
OAHS	SW 4	*8 STICK*	110
-0/-	OAHS		120
-I-	EABS		130

EABS	SW H	*B STICK*	010
-0/-	EABS		020
-1-	+	DDAS, (+DAAS, DBAS, ECAS	030
		+DAAS, EBAS, DCAS	040
		+EAAS, DBAS, DCAS	050
		+EAAS, EBAS, ECAS)	060
	+	EDAS, (+EAAS, EBAS, DCAS	070
		+EAAS, DBAS, ECAS	080
		+DAAS, EBAS, ECAS	090
		+DAAS, DBAS, DCAS)	100
OBBS	SW H	*B STICK*	110
-0/-	OBBS		120
-1-	EBBS		130

EBBS	SW H	*B STICK*	010
-0/-	EBBS		020
-1-	+	DHAS, (+DEAS, DFAS, EGAS	030
		+DEAS, EFAS, DGAS	040
		+EEAS, DFAS, DGAS	050
		+EEAS, EFAS, EGAS)	060
	+	EHAS, (+EEAS, EFAS, DGAS	070
		+EEAS, DFAS, EGAS	080
		+DEAS, EFAS, EGAS	090
		+DEAS, DFAS, DGAS)	100
OCBS	SW H	*B STICK*	110
-0/-	OCBS		120
-1-	ECBS		130

ECHS	SW 4	*B STICK*	010
-0/-	ECHS		020
-1-	+	OLAS.(+OIAS.OJAS.EKAS	030
		+OIAS.EJAS.OKAS	040
		+EIAS.OJAS.OKAS	050
		+EIAS.EJAS.EKAS)	060
	+	ELAS.(+OIAS.EJAS.EKAS	070
		+EIAS.OJAS.EKAS	080
		+OIAS.EJAS.EKAS	090
		+OIAS.OJAS.OKAS)	100
I01D	DRIC		110
-01-	I01D-1		120
-02-	I01D-2		130
-11-	MIHD	*NO AND STICK*	140
-12-	I01F/	*NO AND STICK*	150

I02D	DRIC		010
-01-	I02D-1		020
-02-	I02D-2		030
-11-	MIHD	*NO AND STICK*	040
-12-	I02F/	*NO AND STICK*	050
I03D	DRIC		060
-01-	I03D-1		070
-02-	I03D-2		080
-11-	MIHD	*NO AND STICK*	090
-12-	I03F/	*NO AND STICK*	100
I04D	DRIC		110
-01-	I04D-1		120
-02-	I04D-2		130
-11-	MIHD	*NO AND STICK*	140
-12-	I04F/	*NO AND STICK*	150

1050	DRIC		010
-01-	1050-1		070
-02-	1050-2		030
-11-	MIND	*NO AND STICK*	040
-12-	105F/	*NO AND STICK*	050
1060	DRIC		060
-01-	1060-1		070
-02-	1060-2		080
-11-	MIND	*NO AND STICK*	090
-12-	106F/	*NO AND STICK*	100
1070	DRIC		110
-01-	1070-1		120
-02-	1070-2		130
-11-	MIND	*NO AND STICK*	140
-12-	107F/	*NO AND STICK*	150

1080	DRIC		010
-01-	1080-1		020
-02-	1080-2		030
-11-	MIND	*NO AND STICK*	040
-12-	108F/	*NO AND STICK*	050
1090	DRIC		060
-01-	1090-1		070
-02-	1090-2		080
-11-	MIND	*NO AND STICK*	090
-12-	109F/	*NO AND STICK*	100
1100	DRIC		110
-01-	1100-1		120
-02-	1100-2		130
-11-	MIND	*NO AND STICK*	140
-12-	110F/	*NO AND STICK*	150

I110	DRIC		010
-01-	I110-1		020
-02-	I110-2		030
-11-	MIMD	*NO AND STICK*	040
-12-	I11F/	*NO AND STICK*	050
I120	DRIC		060
-01-	I120-1		070
-02-	I120-2		080
-11-	MIMD	*NO AND STICK*	090
-12-	I12F/	*NO AND STICK*	100
I130	DRIC		110
-01-	I130-1		120
-02-	I130-2		130
-11-	MIMD	*NO AND STICK*	140
-12-	I13F/	*NO AND STICK*	150

I140	DRIC		010
-01-	I140-1		020
-02-	I140-2		030
-11-	MIMD	*NO AND STICK*	040
-12-	I14F/	*NO AND STICK*	050
I150	DRIC		060
-01-	I150-1		070
-02-	I150-2		080
-11-	MIMD	*NO AND STICK*	090
-12-	I15F/	*NO AND STICK*	100
I160	DRIC		110
-01-	I160-1		120
-02-	I160-2		130
-11-	MIMD	*NO AND STICK*	140
-12-	I16F/	*NO AND STICK*	150

I170	DRIC		010
-01-	I170-1		020
-02-	I170-2		030
-11-	MIHO	*NO AND STICK*	040
-12-	I17F/	*NO AND STICK*	050
I180	DRIC		060
-01-	I180-1		070
-02-	I180-2		080
-11-	MIHO	*NO AND STICK*	090
-12-	I18F/	*NO AND STICK*	100
I190	DRIC		110
-01-	I190-1		120
-02-	I190-2		130
-11-	MIHO	*NO AND STICK*	140
-12-	I19F/	*NO AND STICK*	150

I200	DRIC		010
-01-	I200-1		020
-02-	I200-2		030
-11-	MIHO	*NO AND STICK*	040
-12-	I20F/	*NO AND STICK*	050
I210	DRIC		060
-01-	I210-1		070
-02-	I210-2		080
-11-	MIHO	*NO AND STICK*	090
-12-	I21F/	*NO AND STICK*	100
I220	DRIC		110
-01-	I220-1		120
-02-	I220-2		130
-11-	MIHO	*NO AND STICK*	140
-12-	I22F/	*NO AND STICK*	150

I230	DRIC		010
-01-	I230-1		020
-02-	I230-2		030
-11-	MIMD	*NO AND STICK*	040
-12-	I23F/	*NO AND STICK*	050
I240	DRIC		060
-01-	I240-1		070
-02-	I240-2		080
-11-	MIMD	*NO AND STICK*	090
-12-	I24F/	*NO AND STICK*	100
I250	DRIC		110
-01-	I250-1		120
-02-	I250-2		130
-11-	MIMD	*NO AND STICK*	140
-12-	I25F/	*NO AND STICK*	150

I260	DRIC		010
-01-	I260-1		020
-02-	I260-2		030
-11-	MIMD	*NO AND STICK*	040
-12-	I26F/	*NO AND STICK*	050
I270	DRIC		060
-01-	I270-1		070
-02-	I270-2		080
-11-	MIMD	*NO AND STICK*	090
-12-	I27F/	*NO AND STICK*	100
I280	DRIC		110
-01-	I280-1		120
-02-	I280-2		130
-11-	MIMD	*NO AND STICK*	140
-12-	I28F/	*NO AND STICK*	150

1290	DRIC		010
-01-	1290-1		020
-02-	1290-2		030
-11-	MIWD	*NO AND STICK*	040
-12-	129F/	*NO AND STICK*	050
1300	DRIC		060
-01-	1300-1		070
-02-	1300-2		080
-11-	MIWD	*NO AND STICK*	090
-12-	130F/	*NO AND STICK*	100
1310	DRIC		110
-01-	1310-1		120
-02-	1310-2		130
-11-	MIWD	*NO AND STICK*	140
-12-	131F/	*NO AND STICK*	150

1320	DRIC		010
-01-	1320-1		020
-02-	1320-2		030
-11-	MIWD	*NO AND STICK*	040
-12-	132F/	*NO AND STICK*	050
1330	DRIC		060
-01-	1330-1		070
-02-	1330-2		080
-11-	MIWD	*NO AND STICK*	090
-12-	133F/	*NO AND STICK*	100
1340	DRIC		110
-01-	1340-1		120
-02-	1340-2		130
-11-	MIWD	*NO AND STICK*	140
-12-	134F/	*NO AND STICK*	150

1350	DRIC		010
-01-	1350-1		020
-02-	1350-2		030
-11-	MIMD	*NO AND STICK*	040
-12-	135F/	*NO AND STICK*	050
1360	DRIC		060
-01-	1360-1		070
-02-	1360-2		080
-11-	MIMD	*NO AND STICK*	090
-12-	136F/	*NO AND STICK*	100
1370	DRIC		110
-01-	1370-1		120
-02-	1370-2		130
-11-	MIMD	*NO AND STICK*	140
-12-	137F/	*NO AND STICK*	150

1380	DRIC		010
-01-	1380-1		020
-02-	1380-2		030
-11-	MIMD	*NO AND STICK*	040
-12-	138F/	*NO AND STICK*	050
1390	DRIC		060
-01-	1390-1		070
-02-	1390-2		080
-11-	MIMD	*NO AND STICK*	090
-12-	139F/	*NO AND STICK*	100
1400	DRIC		110
-01-	1400-1		120
-02-	1400-2		130
-11-	MIMD	*NO AND STICK*	140
-12-	140F/	*NO AND STICK*	150

I410	DRIC		C10
-01-	I410-1		020
-02-	I410-2		C30
-11-	MIWD	*NO AND STICK*	C40
-12-	I41F/	*NO AND STICK*	050
I420	DRIC		C60
-01-	I420-1		070
-02-	I420-2		C80
-11-	MIWD	*NO AND STICK*	C90
-12-	I42F/	*NO AND STICK*	100
I430	DRIC		110
-01-	I430-1		120
-02-	I430-2		130
-11-	MIWD	*NO AND STICK*	140
-12-	I43F/	*NO AND STICK*	150

I440	DRIC		010
-01-	I440-1		020
-02-	I440-2		C30
-11-	MIWD	*NO AND STICK*	C40
-12-	I44F/	*NO AND STICK*	050
I450	DRIC		060
-01-	I450-1		070
-02-	I450-2		080
-11-	MIWD	*NO AND STICK*	C90
-12-	I45F/	*NO AND STICK*	100
I460	DRIC		110
-01-	I460-1		120
-02-	I460-2		130
-11-	MIWD	*NO AND STICK*	140
-12-	I46F/	*NO AND STICK*	150

I47D	DRIC		010
-01-	I47D-1		020
-02-	I47D-2		030
-11-	MIHO	*NO AND STICK*	040
-12-	I47F/	*NO AND STICK*	050
I48D	DRIC		060
-01-	I48D-1		070
-02-	I48D-2		080
-11-	MIHO	*NO AND STICK*	090
-12-	I48F/	*NO AND STICK*	100
I49D	DRIC		110
-01-	I49D-1		120
-02-	I49D-2		130
-11-	MIHO	*NO AND STICK*	140
-12-	I49F/	*NO AND STICK*	150

I01F	FFN7		010
-1-	I01F		020
-0-	I01F/		030
-JCL-	MISD.M01S=C		040
-KCL-	RSPD=1		050
-S-	* MC1D.MISD=1	*B STICK*	060
	* S01P.RISD=4	*B STICK*	070
-H-	MICD=1		080

I02F	FFN7		010
-1-	I02F		020
-0-	I02F/		030
-JCL-	MISD.W02S-C		040
-KCL-	RSPD-1		050
-S-	+ MC2D,MISD-1	.#B STICK#	060
	+ S02P,MISD-3	.#B STICK#	070
-R-	MICD-1		080

I03F	FFN7		010
-1-	I03F		020
-0-	I03F/		030
-JCL-	MISD.W03S-C		040
-KCL-	RSPD-1		050
-S-	+ MC4D,MISD-1	.#B STICK#	060
	+ S03P,MISD-3	.#B STICK#	070
-R-	MICD-1		080

I04F	FFN7		010
-1-	I04F		020
-0-	I04F/		030
-JCL-	MISD.W04S-C		040
-KCL-	RSPD-1		050
-S-	+ MCBJ.WISD=1	. *8 STICK*	060
	+ S04P.RISD=3	. *8 STICK*	070
-R-	MICD=1		080

I05F	FFN7		010
-1-	I05F		020
-0-	I05F/		030
-JCL-	MISD.W05S-C		040
-KCL-	RSPD-1		050
-S-	+ MCAO.WISD=1	. *8 STICK*	060
	+ S05P.RISD=4	. *8 STICK*	070
-R-	MICD=1		080

106F	FFN7		010
-1-	106F		020
-0-	106F/		030
-JCL-	WISD,W06S-C		040
-KCL-	RSPD-1		050
-S-	+ MC8J,WISD-1	.0B STICK*	060
	+ S06P,RISD-3	.0B STICK*	070
-R-	MICD-1		080

107F	FFN7		010
-1-	107F		020
-0-	107F/		030
-JCL-	WISD,W07S-C		040
-KCL-	RSPD-1		050
-S-	+ MC1D,WISD-1	.0B STICK*	060
	+ S07P,RISD-3	.0B STICK*	070
-R-	MICD-1		080

I08F	FFN7		010
-1-	I08F		020
-0-	I08F/		030
-JCL-	MISD.W09S=C		040
-KCL-	RSPD=1		050
-S-	+ MC2D.MISD=1	.#B STICK*	060
	+ S08P.RISD=3	.#B STICK*	070
-R-	MICD=1		080

I09F	FFN7		010
-1-	I09F		020
-0-	I09F/		030
-JCL-	MISD.W09S=C		040
-KCL-	RSPD=1		050
-S-	+ MC4D.MISD=1	.#B STICK*	060
	+ S09P.RISD=4	.#B STICK*	070
-R-	MICD=1		080

I10F	FFN7		010
-1-	I10F		020
-0-	I10F/		030
-JCL-	WISD,W10S=C		040
-KCL-	RSPD=1		050
-S-	♦ MCB0,WISD=1	♦B STICK*	060
	♦ S10P,RISD=4	♦B STICK*	070
-R-	MICD=1		080

I11F	FFN7		010
-1-	I11F		020
-0-	I11F/		030
-JCL-	WISD,W11S=C		040
-KCL-	RSPD=1		050
-S-	♦ MCB0,WISD=1	♦B STICK*	060
	♦ S11P,RISD=3	♦B STICK*	070
-R-	MICD=1		080

I12F	FFN7		010
-1-	I12F		020
-0-	I12F/		030
-JCL-	MISD,M12S=C		040
-KCL-	RSPD=1		050
-S-	+ MC8D,MISD=1	. *B STICK*	060
	+ S12P,RISD=3	. *B STICK*	070
-R-	MICD=1		080

I13F	FFN7		010
-1-	I13F		020
-0-	I13F/		030
-JCL-	MISD,M13S=C		040
-KCL-	RSPD=1		050
-S-	+ MC1D,MISD=1	. *B STICK*	060
	+ S13P,RISD=4	. *B STICK*	070
-R-	MICD=1		080

I14F	FFN7		010
-1-	I14F		020
-0-	I14F/		030
-JCL-	MISD.M145=C		040
-KCL-	RSPD=1		050
-S-	+ MC20.MISD=1	.#B STICK#	060
	+ S14P.RISD=3	.#B STICK#	070
-R-	MICD=1		080

I15F	FFN7		010
-1-	I15F		020
-0-	I15F/		030
-JCL-	MISD.M155=C		040
-KCL-	RSPD=1		050
-S-	+ MC40.MISD=1	.#B STICK#	060
	+ S15P.RISD=4	.#B STICK#	070
-R-	MICD=1		080

I16F	FFN7		010
-1-	I16F		020
-0-	I16F/		030
-JCL-	MISD,M16S-C		040
-KCL-	RSPD-1		050
-S-	+ MC8D,MISD-1	.+B STICK*	060
	+ S16P,RISD-4	.+B STICK*	070
-R-	MICD-1		080

I17F	FFN7		010
-1-	I17F		020
-0-	I17F/		030
-JCL-	MISD,M17S-C		040
-KCL-	RSPD-1		050
-S-	+ MCAD,MISD-1	.+B STICK*	060
	+ S17P,RISD-3	.+B STICK*	070
-R-	MICD-1		080

080
070
060
050
040
030
020
010

MICD-1 -M-
+ S19P.M19D-3
+ MC1D.M19D-1 -S-
RSPD-1 -KCL-
M19D.M19D-C -JCL-
-0- 119F/
-1- 119F
119F FN7

STICK
STICK

B-5000 4 USEC CORE MEMORY EG BOOK T-11161901 UNIT NO.11154119 PAGE NO. 67.00 AA

080
070
060
050
040
030
020
010

MICD-1 -M-
+ S19P.M19D-3
+ MC1D.M19D-1 -S-
RSPD-1 -KCL-
M19D.M19D-C -JCL-
-0- 119F/
-1- 119F
119F FN7

STICK
STICK

B-5000 4 USEC CORE MEMORY EG BOOK T-11161901 UNIT NO.11154119 PAGE NO. 66.00 AA

I20F	FFN7		010
-1-	I20F		020
-0-	I20F/		030
-JCL-	MISD,M20S=C		040
-KCL-	RSPD=1		050
-S-	+ MC2D,WISD=1	.08 STICK*	060
	+ S20P,RISD=4	.08 STICK*	070
-R-	MICD=1		080

I21F	FFN7		010
-1-	I21F		020
-0-	I21F/		030
-JCL-	MISD,M21S=C		040
-KCL-	RSPD=1		050
-S-	+ MC4D,WISD=1	.08 STICK*	060
	+ S21P,RISD=4	.08 STICK*	070
-R-	MICD=1		080

122F	FFN7		010
-1-	122F		020
-0-	122F/		030
-JCL-	MISD,M22S-C		040
-KCL-	RSPD-1		050
-S-	♦ MC8D,MISD=1	♦B STICK*	060
	♦ S22P,RISD=3	♦B STICK*	070
-R-	MICD=1		080

123F	FFN7		010
-1-	123F		020
-0-	123F/		030
-JCL-	MISD,M23S-C		040
-KCL-	RSPD-1		050
-S-	♦ MCAD,MISD=1	♦9 STICK*	060
	♦ S46P,RISD=2	♦8 STICK*	070
-R-	MICD=1		080

I24F	FFN7		010
-1-	I24F		020
-0-	I24F/		030
-JCL-	MISD,M24S-C		040
-KCL-	RSPD=1		050
-S-	+ MCHD,MISD=1	.#B STICK*	060
	+ S24P,RISD=4	.#B STICK*	070
-R-	MICD=1		080

I25F	FFN7		010
-1-	I25F		020
-0-	I25F/		030
-JCL-	MISD,M25S-C		040
-KCL-	RSPD=1		050
-S-	+ MC1D,MISD=2	.#B STICK*	060
	+ S25P,RISD=1	.#B STICK*	070
-R-	MICD=2		080

I26F	FFN7		010
-1-	I26F		020
-0-	I26F/		030
-JCL-	MISD.W26S-C		040
-KCL-	RSPJ-1		050
-S-	+ MC2D.WISD-2	.0B STICK*	060
	+ S26P.RISD-1	.0B STICK*	070
-R-	MICD-2		080

I27F	FFN7		010
-1-	I27F		020
-0-	I27F/		030
-JCL-	MISD.W27S-C		040
-KCL-	RSPD-1		050
-S-	+ MC4D.WISD-2	.0B STICK*	060
	+ S27P.RISD-1	.0B STICK*	070
-R-	MICD-2		080

128F	FFN7		010
-1-	128F		020
-0-	128F/		030
-JCL-	MISD.W28S-C		040
-KCL-	RSPD=1		050
-S-	+ MC8D.WISD=2	.08 STICK*	060
	+ S28P.RISD=2	.08 STICK*	070
-R-	MICD=2		080

129F	FFN7		010
-1-	129F		020
-0-	129F/		030
-JCL-	MISD.W29S-C		040
-KCL-	RSPD=1		050
-S-	+ MCAJ.WISD=2	.08 STICK*	060
	+ S29P.RISD=2	.08 STICK*	070
-R-	MICD=2		080

I30F	FFN7		010
-1-	I30F		020
-0-	I30F/		030
-JCL-	MISD.M30S-C		040
-KCL-	RSPD-1		050
-S-	+ MCBD,MISD-2	.*B STICK*	060
	+ S30P,RISD-1	.*B STICK*	070
-R-	MICD-2		080

I31F	FFN7		010
-1-	I31F		020
-0-	I31F/		030
-JCL-	MISD.M31S-C		040
-KCL-	RSPD-1		050
-S-	+ MC1D,MISD-2	.*B STICK*	060
	+ S31P,RISD-1	.*B STICK*	070
-R-	MICD-2		080

I32F	FFN7		010
-1-	I32F		020
-0-	I32F/		030
-JCL-	MISD.W32S=C		040
-KCL-	RSPD=1		050
-S-	+ MC20.MISD=2	.•B STICK•	060
	+ S32P.RISD=2	.•B STICK•	070
-R-	MICD=2		080

I33F	FFN7		010
-1-	I33F		020
-0-	I33F/		030
-JCL-	MISD.W33S=C		040
-KCL-	RSPD=2		050
-S-	+ MC40.MISD=2	.•B STICK•	060
	+ S33P.RISD=1	.•B STICK•	070
-R-	MICD=2		080

134F	FFN7		010
-1-	134F		020
-0-	134F/		030
-JCL-	MISD,M34S-C		040
-KCL-	RSPD-2		050
-S-	+ MC8D,MISD-2	.0B STICK*	060
	+ S34P,RISD-1	.0B STICK*	070
-R-	MICD-2		080

134F FFN7
 -1- 134F
 -0- 134F/
 -JCL- MISD,M34S-C
 -KCL- RSPD-2
 -S- + MC8D,MISD-2 .0B STICK*
 + S34P,RISD-1 .0B STICK*
 -R- MICD-2

135F	FFN7		010
-1-	135F		020
-0-	135F/		030
-JCL-	MISD,M35S-C		040
-KCL-	RSPD-2		050
-S-	+ MCAD,MISD-2	.0B STICK*	060
	+ S35P,RISD-1	.0B STICK*	070
-R-	MICD-2		080

135F FFN7
 -1- 135F
 -0- 135F/
 -JCL- MISD,M35S-C
 -KCL- RSPD-2
 -S- + MCAD,MISD-2 .0B STICK*
 + S35P,RISD-1 .0B STICK*
 -R- MICD-2

I36F	FFN7			010
-1-	I36F			020
-0-	I36F/			030
-JCL-	MISD.W36S-C			040
-KCL-	RSPD-2			050
-S-	+ MCHD.WISD-2	.08 STICK*		060
	+ S36P.RISD-2	.08 STICK*		070
-R-	MICD-2			080

I37F	FFN7			010
-1-	I37F			020
-0-	I37F/			030
-JCL-	MISD.W37S-C			040
-KCL-	RSPD-2			050
-S-	+ MICD.WISD-2	.08 STICK*		060
	+ S37P.RISD-1	.08 STICK*		070
-R-	MICD-2			080

138F	FFN7		010
-1-	138F		020
-0-	138F/		030
-JCL-	MISD.W38S=C		040
-KCL-	RSPD=2		050
-S-	♦ MC20.MISD=2	.•B STICK•	060
	♦ S38P.RISD=1	.•B STICK•	070
-R-	MICD=2		080

139F	FFN7		010
-1-	139F		020
-0-	139F/		030
-JCL-	MISD.W39S=C		040
-KCL-	RSPD=2		050
-S-	♦ MC40.MISD=2	.•B STICK•	060
	♦ S39P.RISD=2	.•B STICK•	070
-R-	MICD=2		080

I40F	FFN7	010
-1-	I40F	020
-0-	I40F/	030
-JCL-	MISD.WA0S=C	040
-KCL-	RSPD=2	050
-S-	+ MCB0.WISD=2	.0B STICK* 060
	+ S40P.RISD=1	.0B STICK* 070
-R-	MICD=2	080

I41F	FFN7	010
-1-	I41F	020
-0-	I41F/	030
-JCL-	MISD.W41S=C	040
-KCL-	RSPD=2	050
-S-	+ MCA0.WISD=2	.0B STICK* 060
	+ S41P.RISD=2	.0B STICK* 070
-R-	MICD=2	080

142F	FFN7		010
-1-	142F		020
-0-	142F/		030
-JCL-	MISD.W42S=C		040
-KCL-	RSPD=2		050
-S-	+ MC80,MISD=2	.+B STICK+	060
	+ S42P,RISD=2	.+B STICK+	070
-R-	MICD=2		080

143F	FFN7		010
-1-	143F		020
-0-	143F/		030
-JCL-	MISD.W43S=C		040
-KCL-	RSPD=2		050
-S-	+ MC10,MISD=2	.+B STICK+	060
	+ S43P,RISD=2	.+B STICK+	070
-R-	MICD=2		080

I44F	FFN7		010
-1-	I44F		020
-0-	I44F/		030
-JCL-	MISD.W44S=C		040
-KCL-	RSPD=2		050
-S-	♦ MC2D,MISD=2	.♦B STICK*	060
	♦ S44P,RISD=2	.♦B STICK*	070
-R-	MICD=2		080

I45F	FFN7		010
-1-	I45F		020
-0-	I45F/		030
-JCL-	MISD.W45S=C		040
-KCL-	RSPD=2		050
-S-	♦ MC4D,MISD=2	.♦B STICK*	060
	♦ S45P,RISD=2	.♦B STICK*	070
-R-	MICD=2		080

I46F	FFN7		010
-1-	I46F		020
-0-	I46F/		030
-JCL-	MISD,446S-C		040
-KCL-	RSPD-2		050
-S-	+ MC8D,4ISD-2	. *B STICK*	060
	+ S23P,RISD-4	*B STICK*	070
-R-	MICD-2		080

I47F	FFN7		010
-1-	I47F		020
-0-	I47F/		030
-JCL-	MISD,447S-C		040
-KCL-	RSPD-2		050
-S-	+ MCAJ,MISD-2	. *B STICK*	060
	+ S47P,RISD-2	*B STICK*	070
-R-	MICD-2		080

I48F	FFN7		010
-1-	I48F		020
-0-	I48F/		030
-JCL-	MISJ,M48S-C		040
-KCL-	RSPD-2		050
-S-	+ MCBJ,MISD-2	.08 STICK*	060
	+ S48P,RISD-2	.08 STICK*	070
-R-	MICD-2		080

I49F	FFN7		010
-1-	I49F		020
-0-	I49F/		030
-JCL-	GROUND		040
-KCL-	RSPD-2		050
-S-	+ STTP,MHRF,PERL,MANL	.08 STICK*	060
	+ MCBJ,MISD-2	.08 STICK*	070
	+ S49P,RISD-2	.08 STICK*	080
	+ STTP,MHRF,PERL,TRML	.08 STICK*	081
-R-	+ MHRF,MICM,MANL	.08 STICK*	090
	+ MICD-2	.08 STICK*	100
MACD	DM 9		110
-0-	MACD		120
-I-	MICM,TRML,SPUL/-C		130

MANS/ SW H *B STICK*	010
-0/- MANS/	020
-I- MANL	030
MC10 DR 9 *B STICK*	040
-0- MC10	050
-I- + PC4S.TC1L	060
+ PC3S.TC1L/.TRMS/.MANS/	070
MC20 DR 9 *B STICK*	080
-0- MC20	090
-I- + PC4S.TC2L	100
+ CAG006.TC2L/	110
MC40 DR 9 *B STICK*	120
-0- MC40	130
-I- + PC4S.TC4L	140
+ CAG006.TC4L/	150

MC80 DR 9 *B STICK*	010
-0- MC80	020
-I- + PC4S.TC8L	030
+ CAG006.TC8L/	040
MCA0 DR 9 *B STICK*	050
-0- MCA0	060
-I- + PC4S.TCAL	070
+ CAG006.TCAL/	080
MCA0 DR 9 *B STICK*	090
-0- MCA0	100
-I- + PC4S.TCBL	110
+ CAG006.TCBL/	120
MC1S/ SW H	130
-0/- MC1S/	140
-I- MC10	150

MC2S/ SW H	010
-0/- MC2S/	020
-I- MC2D	030
MC4S/ SW H	040
-0/- MC4S/	050
-I- MC4D	060
MC8S/ SW H	070
-0/- MC8S/	080
-I- MC8D	090
MCAS/ SW H	100
-0/- MCAS/	110
-I- MCAD	120
MCBS/ SW H	130
-0/- MCBS/	140
-I- MCBD	150

MCFS/ SW H *8 STICK*	010
-0/- MCFS/	020
-I- MP1F,MP2F,TRML	030

NERF	FF 7	010
-1-	NERF	020
-0-	NERF/	030
-JCL-	(+PC2),S89S,MCBS/	040
	+PC2),S89S/,MC8D	050
	+PC2),S89S,MCAS/)	060
	(+PC2),S89S/,MCAD	070
	+PC2),S88S,MCBS/	080
	+PC2),S88S/,MC8D)	090
	(+PC2),S49S,MC4S/	100
	+PC2),S48S/,MC4D	110
	+PC2),S29S,MC2S/)	120
	(+PC2),S28S/,MC2D	130
	+PC2),S18S,MC1S/	140
	+PC2),S18S/,MC1D)	150
	(+MP2F,PERL,MHRF/,MANL,MP1F/	160
	+MP2F,PERL,MHRF/,TRML,MP1F/)	170
-KCL-	TRML	180
-R-	MICD-2,TRMS/	190

MICD	DR09	010	
-01-	MICD-1	020	
-02-	MICD-2	030	
-1-	+ MICM,TRML,SPUL/=C	040	
	+ MICM,CTUS,MANS/	050	
	+ MSTL,MANS/,PO3S	060	
	+ MSTL,MANL,MHRF/,PO3S	070	
	+ MICM,CTUS,MHRF/	080	
MICM	MUFW	GND VAR BIAS INPUT	090
-0-	MICM		100
-1-	MIMS/A	*NO AND STICK*	110
MIMD	DR 9		120
-0-	MIMD		130
-1-	MIMM		140

MIMM	BY I		010
-0-	MIMM		020
-11-	MIMP	*NO AND STICK*	030
-12-	MW2M	*NO AND STICK*	040
MIMS/	SW M	*B STICK*	050
-0/-	MIMS/		060
-1-	MIMM		070
MISD	DR 9		080
-0-	MISD		090
-1-	A00S-C.W00D-C.TRML.MP1F/.MP2F/		100

MP1F	FF 7		010
-1-	MP1F		020
-0-	MP1F/		030
-JCL=+	MSTD	* B STICK *	040
	+ MP2F		050
	+ MSTL.MP1F/.MP2F/		060
	+ TRML.MSTF	* B STICK *	065
-KCL=+	TRML		070
	+ MP2F/		080
	+ TSCL		090
MP2F	FF 7		100
-1-	MP2F		110
-0-	MP2F/		120
-JCL=+	MP1F		130
-KCL=+	MP1F.TRML		140
	+ MP1F.TSCL		150
	+ MP1F.MSTF		160

MR2M	MURW		010
-0-	MR2M		020
-11-	MS1M	*NO AND STICK*	030
-12-	M1MS/	*NO AND STICK*	040
MRHP	DURH		050
-0-	MRHP		060
-1-	MR2M	*NO AND STICK*	070
MS1M	DSM1	*R STICK*	080
-0-	MS1M		090
-11-	+ MSTD,CCP=6		100
	+ MSTL,MP1F/,MP2F/,CCP=6		110
	+ MSTF,MP1F,MP2F,CCP=6		120
	+ MSTF,TRML,CCP=6		125
-12-	M1HM	*NO AND STICK*	130
MSTD	DR 9		140
-0-	MSTD		150
-1-	A005=C,TRML,MP1F/,MP2F/		160

MSTF	FF 7		010
-1-	MSTF		020
-0-	MSTF/		030
-JCL-+	MP1F,MP2F,(+MSTL		040
	+TSCL		050
	+CTUS)		060
	+MSTD		065
-KCL-+	MSTL		070
	+ MP1F,MP2F		080
	+ TRML		085
MSTL	SYN=HI		090
-0-	MSTL		100
-1-	MSTS,TRMS/		110
MSTS	SH 4		120
-0/-	MSTS		130
-1-	+ STRL/		140
	+ MSTS/		150

MSTS/ SW H	010
-0/- MSTS/	020
-1- + STRL	030
+ MSTS	040
M42M MUHM	050
-0- M42M	060
-11- M1HM	070
	NO AND STICK
M1HS/-A SW H	080
-9 STICK*	
-0/- M1HS/-A	090
-1- M1HM	100

MHCF FF 7	010
-1- MHCF	020
-0- MHCF/	030
-JCL-+ CAG007.MHCF/,PCCL	040
+ CAG008.MHCF/,PCCL	050
+ RADD	060
-KCL-+ CAG007.MHCF/,PCCL	070
+ CAG008.MHCF/,PCCL	080
+ TRML	090

MHRF	FF 7	010
-1-	MHRF	020
-0-	MHRF/	030
-JCL-	MISD	040
	+ CAG007	050
	+ CAG008	060
-KCL-	CAG007	070
	+ CAG008	080
	+ RSPD-2	090
-R-	MACD	100
	* MODER	110
P03S	SM 4	120
-0/-	P03S	130
	* MP1F,MP2F	140
	+ MP1F,MP2F/	150
PC2D	DR 9	160
-0-	PC2D	170
	+ MP1F,MP2F,TRMS/,MANS/	

PC1S	SM 4	*B STICK*	010
-0/-	PC1S		020
-I-	+ A02F,A08F,TCNL,CHBL		030
	+ A02F/,A08F/,TCNL,CHBL		040
	+ A02F/,A08F,TCNL/,CHBL		050
	+ A02F,A08F/,TCNL/,CHBL		060
	+ TCNL/,AULT		070
PC2S	SM 4	*B STICK*	080
-0/-	PC2S		090
-I-	PC1S		100
PC3S	SM 4	*B STICK*	110
-0/-	PC3S		120
-I-	+ PCNL,PC1S,MANS/		130
	+ PCCL,MHCF/,PC1S,MANS/		140
	+ PCCL,MHCF,PC2S		150
PC4S	SM 4	*B STICK*	160
-0/-	PC4S		170
-I-	PC3S		180

PERL SW M *B STICK* 010
-0/- PERL 020

-1- * 149F.(+OABS.OBBS.ECBS 030
+OABS.EBBS.OCBS 040
+EABS.OBBS.OCBS 050
+EABS.EBBS.ECBS) 060
* 149F/.(+OABS.EBBS.ECBS 070
+EABS.OBBS.ECBS 080
+EABS.EBBS.OCBS 090
+OABS.OBBS.OCBS) 100

RA00 DR19 110
-0- RA00 120

-0/- RA0S/ 130

-1- MP1F.MP2F/.TRML.MHRF/ 140

RIS0-1 DR09 150
-01- RIS0-1 160

-02- RIS0-2 170

-1- STTP.MHRF/ 180

RIS0-3 DR09 010
-01- RIS0-3 020

-02- RIS0-4 030

-1- STTP.MHRF/ 040

RSP0 DR09 050
-01- RSP0-1 060

-02- RSP0-2 070

-1- TRML.SPUS.MP1F.MP2F 080

S1BS SW M 090
-0/- S1BS 100

-1- * 143F/.137F/.131F/.125F/.119F/.113F/.107F/.101F/ 110

S1BS/ SW M 120
-0/- S1BS/ 130

-1- * 143F.137F.131F.125F.119F.113F.107F.101F 140

S2HS SW H

010

-0/- S2BS

020

-1- + 144F/.136F/.132F/.126F/.120F/.114F/.108F/.102F/

030

S2HS/ SW H

040

-0/- S2BS/

050

-1- + 144F.136F.132F.126F.120F.114F.108F.102F

060

S4HS SW H

070

-0/- S4BS

080

-1- + 145F/.139F/.133F/.127F/.121F/.115F/.109F/.103F/

090

S4HS/ SW H

100

-0/- S4BS/

110

-1- + 145F.139F.133F.127F.121F.115F.109F.103F

120

S8HS SW H

130

-0/- S8BS

140

-1- + 146F/.140F/.134F/.128F/.122F/.116F/.110F/.104F/

150

S8HS/ SW H

010

-0/- S8BS/

020

-1- + 146F.140F.134F.128F.122F.116F.110F.104F

030

SABS SW H

040

-0/- SABS

050

-1- + 147F/.141F/.135F/.129F/.123F/.117F/.111F/.105F/

060

SABS/ SW H

070

-0/- SABS/

080

-1- + 147F.141F.135F.129F.123F.117F.111F.105F

090

S8HS SW H

100

-0/- S8BS

110

-1- + 149F/.143F/.137F/.131F/.125F/.119F/.113F/.107F/

120

S8HS/ SW H

130

-0/- S8BS/

140

-1- + 149F.143F.137F.131F.125F.119F.113F.107F

150

S01P	AM S		010
-0-	S01P		020
-11-	S01L-1	*NO AND STICK*	030
-12-	S01L-2	*NO AND STICK*	040
S02P	AM S		050
-0-	S02P		060
-11-	S02L-1	*NO AND STICK*	070
-12-	S02L-2	*NO AND STICK*	080
S03P	AM S		090
-0-	S03P		100
-11-	S03L-1	*NO AND STICK*	110
-12-	S03L-2	*NO AND STICK*	120
S04P	AM S		130
-0-	S04P		140
-11-	S04L-1	*NO AND STICK*	150
-12-	S04L-2	*NO AND STICK*	160

S05P	AM S		010
-0-	S05P		020
-11-	S05L-1	*NO AND STICK*	030
-12-	S05L-2	*NO AND STICK*	040
S06P	AM S		050
-0-	S06P		060
-11-	S06L-1	*NO AND STICK*	070
-12-	S06L-2	*NO AND STICK*	080
S07P	AM S		090
-0-	S07P		100
-11-	S07L-1	*NO AND STICK*	110
-12-	S07L-2	*NO AND STICK*	120
S08P	AM S		130
-0-	S08P		140
-11-	S08L-1	*NO AND STICK*	150
-12-	S08L-2	*NO AND STICK*	160

S09P	AM S		010
-0-	S09P		020
-11-	S09L-1	*NO AND STICK*	030
-12-	S09L-2	*NO AND STICK*	040
S10P	AM S		050
-0-	S10P		060
-11-	S10L-1	*NO AND STICK*	070
-12-	S10L-2	*NO AND STICK*	080
S11P	AM S		090
-0-	S11P		100
-11-	S11L-1	*NO AND STICK*	110
-12-	S11L-2	*NO AND STICK*	120
S12P	AM S		130
-0-	S12P		140
-11-	S12L-1	*NO AND STICK*	150
-12-	S12L-2	*NO AND STICK*	160

S13P	AM S		010
-0-	S13P		020
-11-	S13L-1	*NO AND STICK*	030
-12-	S13L-2	*NO AND STICK*	040
S14P	AM S		050
-0-	S14P		060
-11-	S14L-1	*NO AND STICK*	070
-12-	S14L-2	*NO AND STICK*	080
S15P	AM S		090
-0-	S15P		100
-11-	S15L-1	*NO AND STICK*	110
-12-	S15L-2	*NO AND STICK*	120
S16P	AM S		130
-0-	S16P		140
-11-	S16L-1	*NO AND STICK*	150
-12-	S16L-2	*NO AND STICK*	160

S17P	AM S		010
-0-	S17P		020
-11-	S17L-1	*NO AND STICK*	030
-12-	S17L-2	*NO AND STICK*	040
S18P	AM S		050
-0-	S18P		060
-11-	S18L-1	*NO AND STICK*	070
-12-	S18L-2	*NO AND STICK*	080
S19P	AM S		090
-0-	S19P		100
-11-	S19L-1	*NO AND STICK*	110
-12-	S19L-2	*NO AND STICK*	120
S20P	AM S		130
-0-	S20P		140
-11-	S20L-1	*NO AND STICK*	150
-12-	S20L-2	*NO AND STICK*	160

S21P	AM S		010
-0-	S21P		020
-11-	S21L-1	*NO AND STICK*	030
-12-	S21L-2	*NO AND STICK*	040
S22P	AM S		050
-0-	S22P		060
-11-	S22L-1	*NO AND STICK*	070
-12-	S22L-2	*NO AND STICK*	080
S23P	AM S		090
-0-	S23P		100
-11-	S23L-1	*NO AND STICK*	110
-12-	S23L-2	*NO AND STICK*	120
S24P	AM S		130
-0-	S24P		140
-11-	S24L-1	*NO AND STICK*	150
-12-	S24L-2	*NO AND STICK*	160

S25P	AM S		010
-0-	S25P		020
-11-	S25L-1	*NO AND STICK*	030
-12-	S25L-2	*NO AND STICK*	040
S26P	AM S		050
-0-	S26P		060
-11-	S26L-1	*NO AND STICK*	070
-12-	S26L-2	*NO AND STICK*	080
S27P	AM S		090
-0-	S27P		100
-11-	S27L-1	*NO AND STICK*	110
-12-	S27L-2	*NO AND STICK*	120
S28P	AM S		130
-0-	S28P		140
-11-	S28L-1	*NO AND STICK*	150
-12-	S28L-2	*NO AND STICK*	160

S29P	AM S		010
-0-	S29P		020
-11-	S29L-1	*NO AND STICK*	030
-12-	S29L-2	*NO AND STICK*	040
S30P	AM S		050
-0-	S30P		060
-11-	S30L-1	*NO AND STICK*	070
-12-	S30L-2	*NO AND STICK*	080
S31P	AM S		090
-0-	S31P		100
-11-	S31L-1	*NO AND STICK*	110
-12-	S31L-2	*NO AND STICK*	120
S32P	AM S		130
-0-	S32P		140
-11-	S32L-1	*NO AND STICK*	150
-12-	S32L-2	*NO AND STICK*	160

S33P	AM S		010
-0-	S33P		020
-11-	S33L-1	*NO AND STICK*	030
-12-	S33L-2	*NO AND STICK*	040
S34P	AM S		050
-0-	S34P		060
-11-	S34L-1	*NO AND STICK*	070
-12-	S34L-2	*NO AND STICK*	080
S35P	AM S		090
-0-	S35P		100
-11-	S35L-1	*NO AND STICK*	110
-12-	S35L-2	*NO AND STICK*	120
S36P	AM S		130
-0-	S36P		140
-11-	S36L-1	*NO AND STICK*	150
-12-	S36L-2	*NO AND STICK*	160

S37P	AM S		010
-0-	S37P		020
-11-	S37L-1	*NO AND STICK*	030
-12-	S37L-2	*NO AND STICK*	040
S38P	AM S		050
-0-	S38P		060
-11-	S38L-1	*NO AND STICK*	070
-12-	S38L-2	*NO AND STICK*	080
S39P	AM S		090
-0-	S39P		100
-11-	S39L-1	*NO AND STICK*	110
-12-	S39L-2	*NO AND STICK*	120
S40P	AM S		130
-0-	S40P		140
-11-	S40L-1	*NO AND STICK*	150
-12-	S40L-2	*NO AND STICK*	160

S41P	AM S		010
-0-	S41P		020
-11-	S41L-1	*NO AND STICK*	030
-12-	S41L-2	*NO AND STICK*	040
S42P	AM S		050
-0-	S42P		060
-11-	S42L-1	*NO AND STICK*	070
-12-	S42L-2	*NO AND STICK*	080
S43P	AM S		090
-0-	S43P		100
-11-	S43L-1	*NO AND STICK*	110
-12-	S43L-2	*NO AND STICK*	120
S44P	AM S		130
-0-	S44P		140
-11-	S44L-1	*NO AND STICK*	150
-12-	S44L-2	*NO AND STICK*	160

S45P	AM S		010
-0-	S45P		020
-11-	S45L-1	*NO AND STICK*	030
-12-	S45L-2	*NO AND STICK*	040
S46P	AM S		050
-0-	S46P		060
-11-	S46L-1	*NO AND STICK*	070
-12-	S46L-2	*NO AND STICK*	080
S47P	AM S		090
-0-	S47P		100
-11-	S47L-1	*NO AND STICK*	110
-12-	S47L-2	*NO AND STICK*	120
S48P	AM S		130
-0-	S48P		140
-11-	S48L-1	*NO AND STICK*	150
-12-	S48L-2	*NO AND STICK*	160

S49P	AM S		010
-0-	S49P		020
-11-	S49L-1	*NO AND STICK*	030
-12-	S49L-2	*NO AND STICK*	040
SPUS	SM H		050
-0/-	SPUS		060
-1-	SPUL/C		070
STTP	STMO		080
-0-	STTP		090
-1-	MR2M	*NO AND STICK*	100
TRMS/	SM H	*B STICK*	110
-0/-	TRMS/		120
-1-	TRML		130

WISD	DR09		010
-01-	WISD-1		020
-02-	WISD-2		030
-1-	STTP.MHRF		040
X00D	DRAC		050
-01-	X00D		060
-02-	X00D		070
-11-	MR2M	*NO AND STICK*	080
-12-	M42M	*NO AND STICK*	090
-13-	A01F/	*NO AND STICK*	100
-14-	A02F/	*NO AND STICK*	110
-15-	A03F/	*NO AND STICK*	120

X010	DRAC		010
-01-	XR10		020
-02-	XW10		030
-11-	MR2M	*NO AND STICK*	040
-12-	MW2M	*NO AND STICK*	050
-13-	A01F	*NO AND STICK*	060
-14-	A02F/	*NO AND STICK*	070
-15-	A03F/	*NO AND STICK*	080
X020	DRAC		090
-01-	XR20		100
-02-	XW20		110
-11-	MR2M	*NO AND STICK*	120
-12-	MW2M	*NO AND STICK*	130
-13-	A01F/	*NO AND STICK*	140
-14-	A02F	*NO AND STICK*	150
-15-	A03F/	*NO AND STICK*	160

X030	DRAC		010
-01-	XR30		020
-02-	XW30		030
-11-	MR2M	*NO AND STICK*	040
-12-	MW2M	*NO AND STICK*	050
-13-	A01F	*NO AND STICK*	060
-14-	A02F	*NO AND STICK*	070
-15-	A03F/	*NO AND STICK*	080
X040	DRAC		090
-01-	XR40		100
-02-	XW40		110
-11-	MR2M	*NO AND STICK*	120
-12-	MW2M	*NO AND STICK*	130
-13-	A01F/	*NO AND STICK*	140
-14-	A02F/	*NO AND STICK*	150
-15-	A03F	*NO AND STICK*	160

X050	DRAC		010
-01-	X050		020
-02-	X050		030
-11-	MR2M	*NO AND STICK*	040
-12-	MM2M	*NO AND STICK*	050
-13-	A01F	*NO AND STICK*	060
-14-	A02F/	*NO AND STICK*	070
-15-	A03F	*NO AND STICK*	080
X060	DRAC		090
-01-	X060		100
-02-	X060		110
-11-	MR2M	*NO AND STICK*	120
-12-	MM2M	*NO AND STICK*	130
-13-	A01F/	*NO AND STICK*	140
-14-	A02F	*NO AND STICK*	150
-15-	A03F	*NO AND STICK*	160

X070	DRAC		010
-01-	X070		020
-02-	X070		030
-11-	MR2M	*NO AND STICK*	040
-12-	MM2M	*NO AND STICK*	050
-13-	A01F	*NO AND STICK*	060
-14-	A02F	*NO AND STICK*	070
-15-	A03F	*NO AND STICK*	080
X00S	S0AD		090
-01-	X00S		100
-02-	X00G		110
-03-	X10S		120
-04-	X10G		130
-11-	A04F/	*NO AND STICK*	140
-12-	A04F	*NO AND STICK*	150
-13-	A05F/	*NO AND STICK*	160
-14-	A06F/	*NO AND STICK*	170
-15-	M31M	*NO AND STICK*	180

X20S	SWAD		010
-01-	X20S		020
-02-	X20G		030
-03-	X30S		040
-04-	X30G		050
-11-	A04F/	*NO AND STICK*	060
-12-	A04F	*NO AND STICK*	070
-13-	A05F/	*NO AND STICK*	080
-14-	A06F/	*NO AND STICK*	090
-15-	MS1M	*NO AND STICK*	100

X40S	SWAD		010
-01-	X40S		020
-02-	X40G		030
-03-	X50S		040
-04-	X50G		050
-11-	A04F/	*NO AND STICK*	060
-12-	A04F	*NO AND STICK*	070
-13-	A05F/	*NO AND STICK*	080
-14-	A06F	*NO AND STICK*	090
-15-	MS1M	*NO AND STICK*	100

X60S	SMA0		010
-01-	X60S		020
-02-	X60G		030
-03-	X70S		040
-04-	X70L		050
-11-	A04F/	*NO AND STICK*	060
-12-	A04F	*NO AND STICK*	070
-13-	A05F	*NO AND STICK*	080
-14-	A06F	*NO AND STICK*	090
-15-	MS1M	*NO AND STICK*	100
Y600	DRAC		110
-01-	Y600		120
-02-	Y600		130
-11-	MR2M	*NO AND STICK*	140
-12-	MR2M	*NO AND STICK*	150
-13-	A07F/	*NO AND STICK*	160
-14-	A08F/	*NO AND STICK*	170
-15-	A09F/	*NO AND STICK*	180

Y010	DRAC		010
-01-	Y010		020
-02-	Y010		030
-11-	MR2M	*NO AND STICK*	040
-12-	MR2M	*NO AND STICK*	050
-13-	A07F	*NO AND STICK*	060
-14-	A08F/	*NO AND STICK*	070
-15-	A09F/	*NO AND STICK*	080
Y020	DRAC		090
-01-	Y020		100
-02-	Y020		110
-11-	MR2M	*NO AND STICK*	120
-12-	MR2M	*NO AND STICK*	130
-13-	A07F/	*NO AND STICK*	140
-14-	A08F	*NO AND STICK*	150
-15-	A09F/	*NO AND STICK*	160

Y030	DRAC		010
-01-	YH30		020
-02-	YH30		030
-11-	MR2M	*NO AND STICK*	040
-12-	MH2M	*NO AND STICK*	050
-13-	A07F	*NO AND STICK*	060
-14-	A08F	*NO AND STICK*	070
-15-	A09F/	*NO AND STICK*	080
Y040	DRAC		090
-01-	YH40		100
-02-	YH40		110
-11-	MR2M	*NO AND STICK*	120
-12-	MH2M	*NO AND STICK*	130
-13-	A07F/	*NO AND STICK*	140
-14-	A08F/	*NO AND STICK*	150
-15-	A09F	*NO AND STICK*	160

Y050	DRAC		010
-01-	YH50		020
-02-	YH50		030
-11-	MR2M	*NO AND STICK*	040
-12-	MH2M	*NO AND STICK*	050
-13-	A07F	*NO AND STICK*	060
-14-	A08F/	*NO AND STICK*	070
-15-	A09F	*NO AND STICK*	080
Y060	DRAC		090
-01-	YH60		100
-02-	YH60		110
-11-	MR2M	*NO AND STICK*	120
-12-	MH2M	*NO AND STICK*	130
-13-	A07F/	*NO AND STICK*	140
-14-	A08F	*NO AND STICK*	150
-15-	A09F	*NO AND STICK*	160

Y07D	DRAC		010
-01-	Y07D		020
-02-	Y07D		030
-11-	MR2M	*NO AND STICK*	040
-12-	MW2M	*NO AND STICK*	050
-13-	A07F	*NO AND STICK*	060
-14-	A08F	*NO AND STICK*	070
-15-	A09F	*NO AND STICK*	080
Y00S	SWAD		090
-01-	Y00S		100
-02-	Y00G		110
-03-	Y10S		120
-04-	Y10G		130
-11-	A10F/	*NO AND STICK*	140
-12-	A10F	*NO AND STICK*	150
-13-	A11F/	*NO AND STICK*	160
-14-	A12F/	*NO AND STICK*	170
-15-	MS1M	*NO AND STICK*	180

Y20S	SWAD		010
-01-	Y20S		020
-02-	Y20G		030
-03-	Y30S		040
-04-	Y30G		050
-11-	A10F/	*NO AND STICK*	060
-12-	A10F	*NO AND STICK*	070
-13-	A11F	*NO AND STICK*	080
-14-	A12F/	*NO AND STICK*	090
-15-	MS1M	*NO AND STICK*	100

Y40S	SWAD		010
-01-	Y40S		020
-02-	Y40G		030
-03-	Y50S		040
-04-	Y50G		050
-11-	A10F/	*NO AND STICK*	060
-12-	A10F	*NO AND STICK*	070
-13-	A11F/	*NO AND STICK*	080
-14-	A12F	*NO AND STICK*	090
-15-	MS1M	*NO AND STICK*	100

Y60S	SWAD		010
-01-	Y60S		020
-02-	Y60G		030
-03-	Y70S		040
-04-	Y70G		050
-11-	A10F/	*NO AND STICK*	060
-12-	A10F	*NO AND STICK*	070
-13-	A11F	*NO AND STICK*	080
-14-	A12F	*NO AND STICK*	090
-15-	MS1M	*NO AND STICK*	100
END OF BOOK			105