MASTER

PART NO. 6178975

PART NO. 6178975

DEVELOPMENT NO.

	1	2	3
Y	CABLE - POWER AMP REFER TO LOGIC PAGE(S) - PA000/001	CABLE - MESSAGE DISPLAY REFER TO LOGIC PAGE(S) - WD000	CABLE-SENSORS REFER TO LOGIC PAGE-ZW004

	A	B	C	D	E	F	G	H	J	K
2	CABLE - I/O LOCAL INTERFACE REF. PAGE-ZW101	MODEL B22 CARD - DRIVE CONTROL PLUG INFO-AA104 REF. PAGE-DD000-003 MODEL B11 CARD - DRIVE CONTROL PLUG INFO-AA116 REF. PAGE-DD000-003	CARD - SPACER PN 819632	CARD SPACER PN 819632	CARD SPACER PN 819632	RESERVED	CARD - WRITE POWER PLUG INFO-AA107 REF. PAGE-VP000	MODEL B22 CARD - READ PREAMP PLUG INFO-AA108 REF. PAGE-RP000 MODEL B11 CARD - READ PREAMP PLUG INFO-AA118 REF. PAGE-RP000		RESERVED
3	CABLE - I/O LOCAL INTERFACE REF. PAGE-ZW102								MODEL B22 CARD - WRITE FUNCTION PLUG INFO-AA109 REF. PAGE-WR000 MODEL B11 CARD - WRITE FUNCTION PLUG INFO-AA117 REF. PAGE-WR000	
4	CABLE - I/O REMOTE INTERFACE REF. PAGE-ZW201	X-OVER PN-2399086								
5	CABLE - I/O REMOTE INTERFACE REF. PAGE-ZW202	X-OVER PN-2399086								

	A	B	C	D	E	F	G	H	J	K
Z	CABLE - POWER AMP REFER TO LOGIC PAGE(S) - PA000/001			CABLE - SENSORS REFER TO LOGIC PAGE(S) - SN001/002				CABLE - SENSORS REFER TO LOGIC PAGE(S) - SN001/002		

	1	2	3
Y	CABLE - POWER AMP REFER TO LOGIC PAGE(S) - PA000/001	CABLE - MESSAGE DISPLAY REFER TO LOGIC PAGE(S) - WD000	CABLE-SENSORS REFER TO LOGIC PAGE-ZW004

NOTES

1 PN 8576373, DRIVE DATA BUS TERMINATOR ASM, KTER FOR B/M 6460006 IN LAST DRIVE OF STRING.

2 PN 8492916, DRIVE DATA BUS TERMINATOR ASM, DXTM FOR WITHOUT B/M 6460006 IN LAST DRIVE OF STRING.

TITLE	A1 BOARD (REF.	
PAGE AA100). MACHINE-3480		
DESIGNER	DMD	31JUL85
CHECKED		
APPROVED		
CLASS	LDP	31JUL85

	DATE	EC NO.
	11JUN86	A21676A
	4DEC86	A29052
	17MAR87	A06051D

SI A1 metric

MUST CONFORM TO ENG. SPEC.

PART NO. 6178975 SHEET 1 OF 1

DEVELOPMENT NO.

LOGIC PG NO. AA000

MDA

PART NO. 6464628

DEVELOPMENT NO.

PART NO. 6464628

REFERENCE DRAWING

	1	2	3
Y	CABLE - POWER AMP REFER TO LOGIC PAGE(S) PA000/001	CABLE - MESSAGE DISPLAY REFER TO LOGIC PAGE(S) WD000	CABLE - SENSORS REFER TO LOGIC PAGE(S) ZX004

	A	B	C	D	E	F	G	H	J	K
2	CABLE I/O LOCAL INTERFACE REF PAGE- ZW101	DRIVE CONTROL PLUG INFO AA116 REF PAGE- DD000-003	CARD SPACER	CARD SPACER	CARD DRIVE POWER PRE-LOAD PLUG INFO- AA106 REF PAGE- DP000	RESERVED	CARD- WRITE POWER PLUG INFO- AA107 REF PAGE- VP000	CARD- READ PRE-AMP PLUG INFO- AA118 REF PAGE- RP000		RESERVED
3	CABLE- I/O LOCAL INTERFACE REF PAGE- ZW102									
4	CABLE- I/O B LOCAL INTERFACE REF PAGE- ZW201	X OVLR PN-2399086							CARD- WRITE FUNCTION PLUG INFO- AA117 REF PAGE- WR000	
5	CABLE- I/O B LOCAL INTERFACE REF PAGE- ZW202	X OVLR PN-2399086								

	1	2	3
Z	CABLE - POWER AMP REFER TO LOGIC PAGE(S) PA001/001	CABLE - SENSORS REFER TO LOGIC PAGE(S) SN001/002	CABLE - SENSORS REFER TO LOGIC PAGE(S) SN001/002

NOTES

1 THIS PAGE IS TO BE USED FOR MODEL 3480 B11 ONLY.

TITLE	A1 /BOARD		
MODEL 3480-B11			
DESIGNER	BW	23JAN84	
CHECKED			
APPROVED			
CLASS	BW	23JAN84	

	DATE	EC NO.
	13JAN86	A05999
	14 Aug 86	A29048

MUST CONFORM TO ENG. SPEC.

PART NO. 6464628 SHEET OF

DEVELOPMENT NO.

LOGIC PG NO. AA001

CARD PLUG LIST

FUNCTION - BOARD
LOCATION - 2A-A1

LOGIC SHEETS - NONE

	PRIMARY	ALTERNATE
PNAME	DCF0 (R)	
PART NUMBER	6272786	
EC NUMBER	A29029	
IEC NUMBER		

COMMENTS -

30E-AA

A
A
1
0
0

0001

CARD LOCATION CHART

PN=6272807,EC=A29029

LOC=2A-A1

USN 00001 PRI=27JAN86 0904

AUC= SEC
PFORM=KSMB NEXTBLK AB
MACH=3480
CID DCF0 JOB H30S017D

A
A
1
0
0

CARD PLUG LIST

FUNCTION = DRIVE CONTROL CARD
LOCATION = 2A-A182

LOGIC SHEETS = DD000,001,002,003

	PRIMARY	ALTERNATE
PNAME	DD01R	DD01R
PART NUMBER	68X8145	68X8102
EC NUMBER	A29033	A29033
IEC NUMBER		

COMMENTS =

30E-AA

CARD LOCATION CHART

PN=6272353,EC=A29033

LOC=2A-A1B2

USN 00001 PRI=13OCT87 1655

AUC= SEC
PFORM=KSHB NEXTBLK AB
MACH=3480
CID DCF0 JOB D8523060

CARD PLUG LIST

FUNCTION - WRITE POWER CARD
LOCATION - 2A-A1G2

LOGIC SHEETS - VP000

	PRIMARY	ALTERNATE
PNAME	ICNN	
PART NUMBER	6272338	
EC NUMBER	A29015	
IEC NUMBER		

COMMENTS -

30E-AA

CARD LOCATION CHART

PN=6272357,EC=A29015

LOC=2A-A1G2

USN 00001 PRI=17OCT85 1612

OWC= SEC
PFURM=KSHB NEXTBLK AB
MACH=3480
CIP DCF0 JOB H309017P

CARD PLUG LIST

FUNCTION - READ PREAMP
LOCATION - 2A-A1H2
FOR USE ON MODEL - B22
LOGIC SHEETS - RP000

	PRIMARY	ALTERNATE
PNAME	ICGTR	
PART NUMBER	6384593	
EC NUMBER	A29046	
IEC NUMBER		

COMMENTS -

30E-00

A
A
1
0
8

CARD LOCATION CHART

PN=6272354 EC=A29046

LOC=2A-A1H2

USN 00001 PFI=09SEP86 2055

CUC= SEC
PFORM=KSHB NEXTBLK AB
MACH=3480
CID DCF0 JOB D852308C

A
A
1
0
8
0001

CARD PLUG LIST

FUNCTION - WRITE FUNCTION

LOCATION - 2A-A1J4

LOGIC SHEETS - WR000

	PRIMARY	ALTERNATE
PWAME	ICJC	
PART NUMBER	6384585	
EC NUMBER		
IEC NUMBER	112-24532	

COMMENTS -

30E-AA

CARD LOCATION CHART

PN=6272356,EC=846390

LOC=2A-A1J4

USN 00001 PRI=14NOV85 1539

AUC= SEC

PFORM=KSHB NEXTBLK AB

MACH=3480

CID DCF0 JOB H309017W

A A 1 0 9 0001

CARD PLUG LIST

FUNCTION - POWER AMPLIFIER

LOCATION - TU-DC/1-PA

FOR USE ON MODEL B22

LOGIC SHEETS - PA000/001

	PRIMARY	ALTERNATE
PNAME	DSPG	
PART NUMBER	13F3755	
EC NUMBER	A46540	
IEC NUMBER		

COMMENTS -

30E-AA

CARD LOCATION CHART

PN=6464595,EC=AA6540

LOC=2A-A1

USN 00001 PPI=18CFR88 1443

FNC= SEC

PFUNM=KSMB NEXTBLK AB

MACH=3480

CIT TCP0 JOB D852308S

A A 1 1 0 A A 1 1 0

CARD PLUG LIST

FUNCTION - MESSAGE DISPLAY
LOCATION - TU-D0/1-DPS

LOGIC SHEETS - MD000

	PRIMARY	ALTERNATE
PNAME	DMD2	
PART NUMBER	6178268	
EC NUMBER	A58108	
IEC NUMBER		

COMMENTS -
30E-AA

CARD LOCATION CHART

PN=6464596,EC=A58108

LOC=2A-A1

USN 00001 PRI=19MAY88 1325

CUC= SEC
CFDB:MskSHB NEXTBLK AB
TRCH=3480
CIL DCFC JOB DB5230BG

CARD PLUG LIST

FUNCTION = AUTO CARTRIDGE LOADER
LOCATION = ACL-1-CC

LOGIC SHEETS = ALOOO

	PRIMARY	ALTERNATE
PNAME	DST1	
PART NUMBER	13F2223	
EC NUMBER	A47956B	
IEC NUMBER		

COMMENTS =

30E-AA

CARD LOCATION CHART

PN=6273159,EC=A47956B

LUC=ACL-1-CC

USN 00001 PRI=14UEC88 1254

LUC= SEC

MEXIBLK AB

CID DCF0 JOB D852308Q

CARD PLUG LIST

FUNCTION - AUTOMATIC CARTRIDGE LOADER PANEL CARD

LOCATION - AL-D0/1-PC

LOGIC SHEETS - AL002

	PRIMARY	ALTERNATE
PNAME	DLE1	
PART NUMBER	6272906	
EC NUMBER	A29476	
REA NUMBER		

COMMENTS - REPLACEMENT FRU 6272909 INCLUDES PANEL CARD AND LANGUAGE GROUP OVERLAY

30E-AA

CARD LOCATION CHART

PN=6273156,EC=A29455

LOC=2A-A1

USN 00001 PR1=12MAR86 1357

AUC= SEC

PFORM=KSH8* NEXTBLK AB

MACH=COPR

CID AKC2 JOB G559898B

A A 1 1 4

CARD PLUG LIST

FUNCTION - POWER AMPLIFIER

LOCATION - TLH-D0/1-PA

FOR USE ON MODEL B11

LOGIC SHEETS - PA000/001

	PRIMARY	ALTERNATE
PNAME	DSPH	
PART NUMBER	13F3756	
EC NUMBER	A46540	
IEC NUMBER		

COMMENTS -

30E-AA

CARD LOCATION CHART

PN=6272818,EC=A46540

LOC=2A-A1

USN 00001 PPI=22FEB88 0952

PLC= SEC

PFORM=KSHB NEXTBLK AB

MACH=3480

CID ICF 0 JOB I-8523080

AA115 0001

CARD PLUG LIST

FUNCTION = DRIVE CONTROL CARD
LOCATION = 2A-A182
FOR USE ON MODEL = 311
LOGIC SHEETS = D0000,001,002,003

	PRIMARY	ALTERNATE
PNAME	D002	
PART NUMBER	68X8151	
EC NUMBER	A46520	
IEC NUMBER	112-25723	

COMMENTS =

JOE-AA

CARD LOCATION CHART

PN=6272817,EC=A46520

LOC=2A-A182

USN 00001 PPI=27PUGS6 1109

PUC= SEC
PFORM=KSHB NEXTBLK AB
ROC=3480
CID DCF0 JCB T8523CAB

A A 1 1 6 0001

A A 1 1 6 0001

CARD PLUG LIST

FUNCTION - WRITE FUNCTION
LOCATION - 2A-A1J4
FOR USE ON MODEL - B11
LOGIC SHEETS - WR000

	PRIMARY	ALTERNATE
PNAME	IWD1	
PART NUMBER	6390130	
EC NUMBER	A06002	
IEC NUMBER	112-24530	

COMMENTS -

30E-AA

CARD LOCATION CHART

SHEET PN=6272816 EC=A29048

LOC=2A-A1J4

USN C0001 PRI=08AUG86 0909
AUC= SEC
PFORM=K5MB NEXTBLK AB
FACH=3480
CID DCF0 JOB D852308A

A A 1 1 7 0001

A A 1 1 7 0001

CARD PLUG LIST

FUNCTION = READ PREAMP

LOCATION = 2A-A1H2

LOGIC SHEETS = RP000

	PRIMARY	ALTERNATE
PNAME	IRP1	
PART NUMBER	6384591	
EC NUMBER	A29045	
REA NUMBER		

COMMENTS =

30E-AA

CARD LOCATION CHART

PN=6272815,EC=A29048

LOC=2A-A1H2

USN 00001 PR1=08AUG85 0909

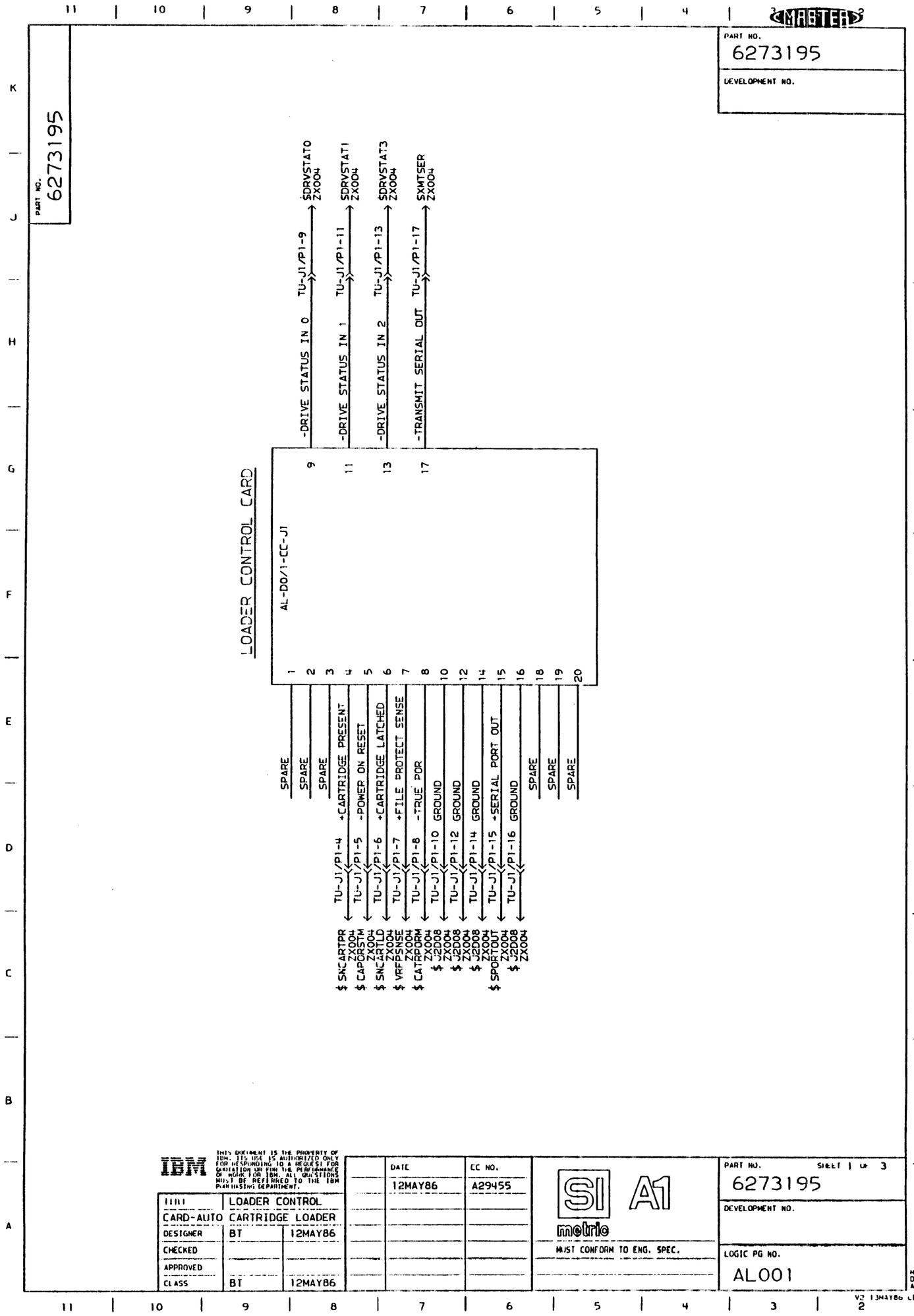
SLOC= SEC

PFORM=KSMB NEXTBLK AB

POCH=3480

CID DCF0 JOB D852308A

A A 1 1 8 0001


MASTER
PART NO. 6273195
DEVELOPMENT NO.
LOADER CONTROL CARD
AL-DD/1-CC-J1
-DRIVE STATUS IN 0
-DRIVE STATUS IN 1
-DRIVE STATUS IN 2
-TRANSMIT SERIAL OUT
$DRVSTAT0 ZX004
$DRVSTAT1 ZX004
$DRVSTAT3 ZX004
$XMTSER ZX004
TU-J1/P1-9
TU-J1/P1-11
TU-J1/P1-13
TU-J1/P1-17
SPARE
+CARTRIDGE PRESENT
-POWER ON RESET
+CARTRIDGE LATCHED
+FILE PROTECT SENSE
-TRUE POR
GROUND
+SERIAL PORT OUT
$SNCARTPR ZX004
$CAPORSTM ZX004
$SNCARTLD ZX004
$VARFSNSE ZX004
$CATRPORM ZX004
$SPORTOUT ZX004
$J2D08 ZX004
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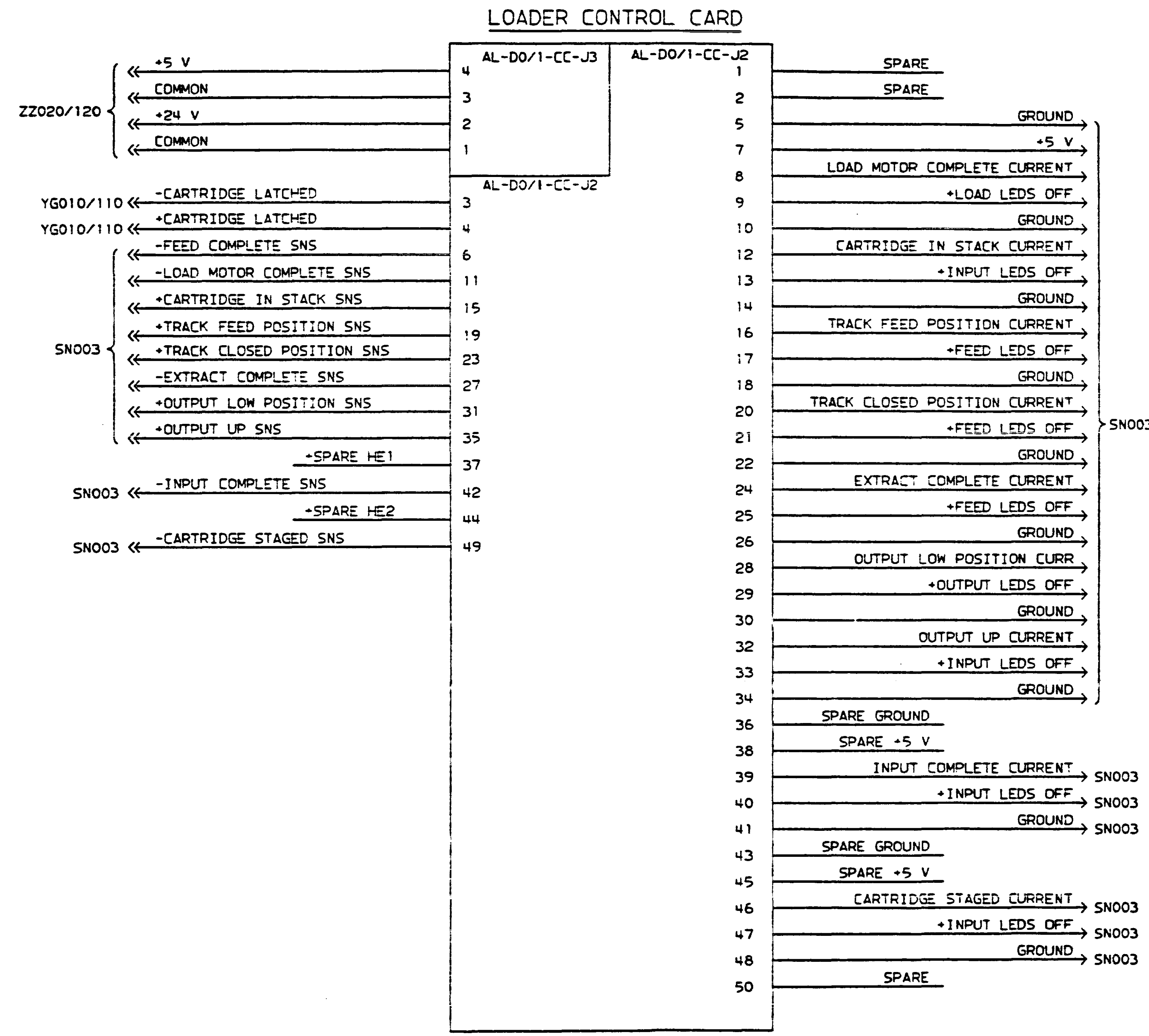
LOADER CONTROL
CARD-AUTO CARTRIDGE LOADER
DESIGNER BT 12MAY86
CHECKED
APPROVED
CLASS BT 12MAY86
DATE 12MAY86
EC NO. A29455
SI metric A1
MUST CONFORM TO ENG. SPEC.
PART NO. 6273195 SHEET 1 OF 3
DEVELOPMENT NO.
LOGIC PG NO. AL001
V2 13MAY86 LDI

PART NO. 6273195



IBM

TITLE LOADER CONTROL CARD-AUTO CARTRIDGE LOADER

DESIGNER
CHECKED
APPROVED
CLASS

DATE	EC NO.
12MAY86	A29455

SI metric A1

MUST CONFORM TO ENG. SPEC.

PART NO. 6273195 SHEET 2 OF 3

DEVELOPMENT NO.

LOGIC PG NO. AL001

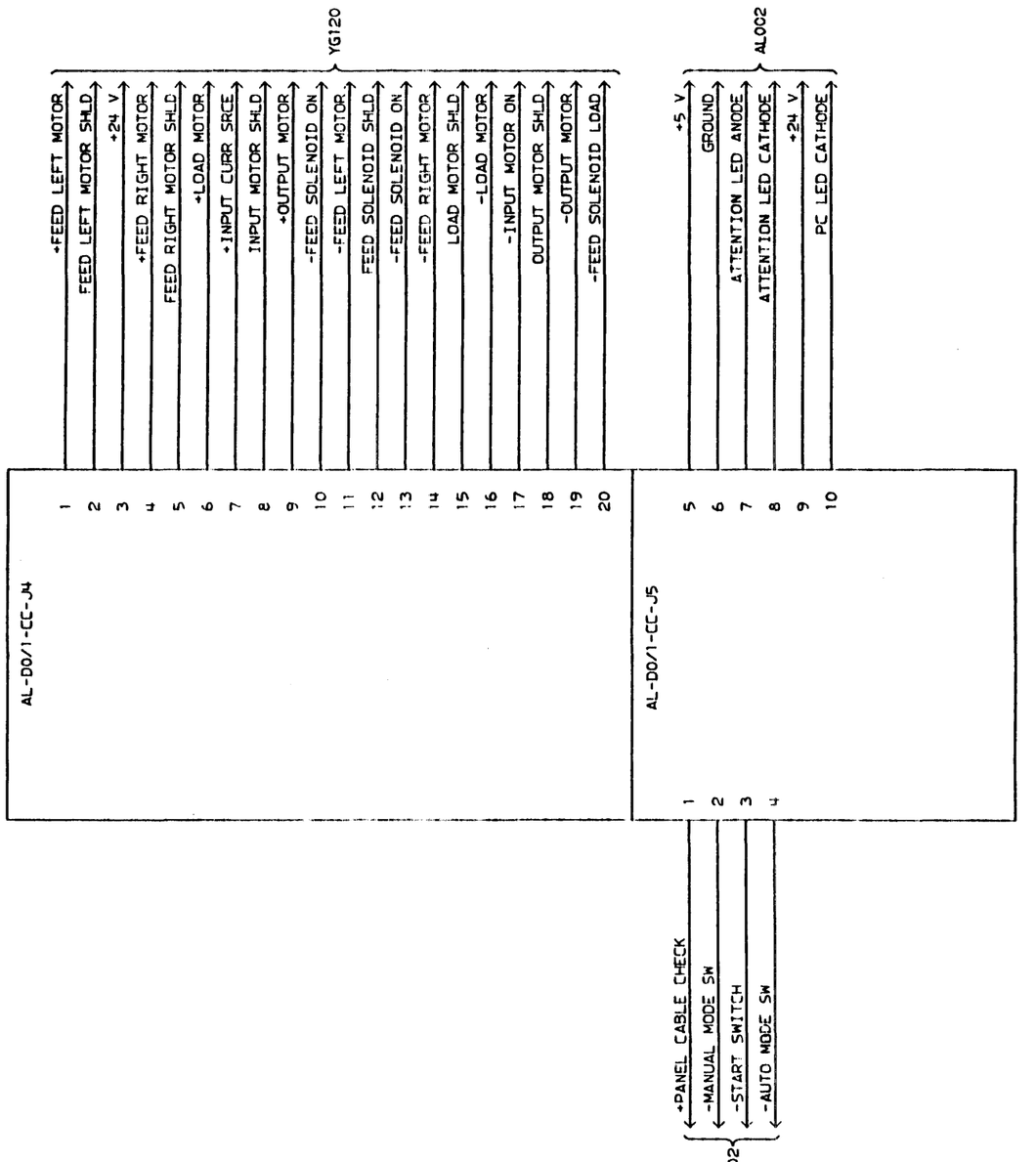
PART NO. 6273195

DEVELOPMENT NO.

PART NO. 6273195

PART NO. 6273195
DEVELOPMENT NO.

LOADER CONTROL CARD



	DATE	EC NO.
	12MAY86	A29455

TITLE	LOADER CONTROL
	CARD-AUTO CARTRIDGE LOADER
DESIGNER	
CHECKED	
APPROVED	
CLASS	

SI A1 metric
MUST CONFORM TO ENG. SPEC.

PART NO. 6273195 SHEET 3 OF 3
DEVELOPMENT NO.
LOGIC PG NO. AL001

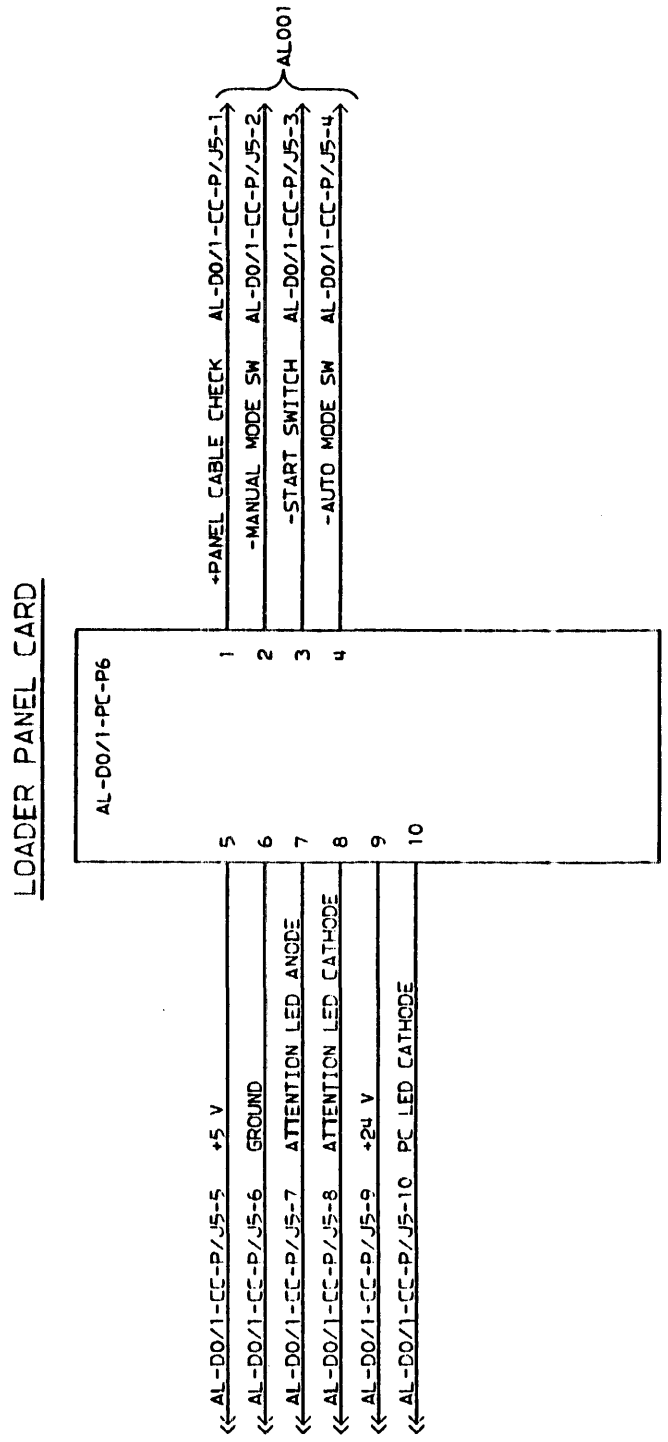
MASTER

PART NO. 6273198

DEVELOPMENT NO.

PART NO. 6273198

LOADER PANEL CARD



IBM

TITLE	LOADER PANEL CARD - AUTO CARTRIDGE LOADER				
DESIGNER	BT	12MAY86		DATE	EC NO.
CHECKED				12MAY86	A29455
APPROVED					
CLASS	BT	12MAY86			

SI A1 metric

MUST CONFORM TO ENG. SPEC.

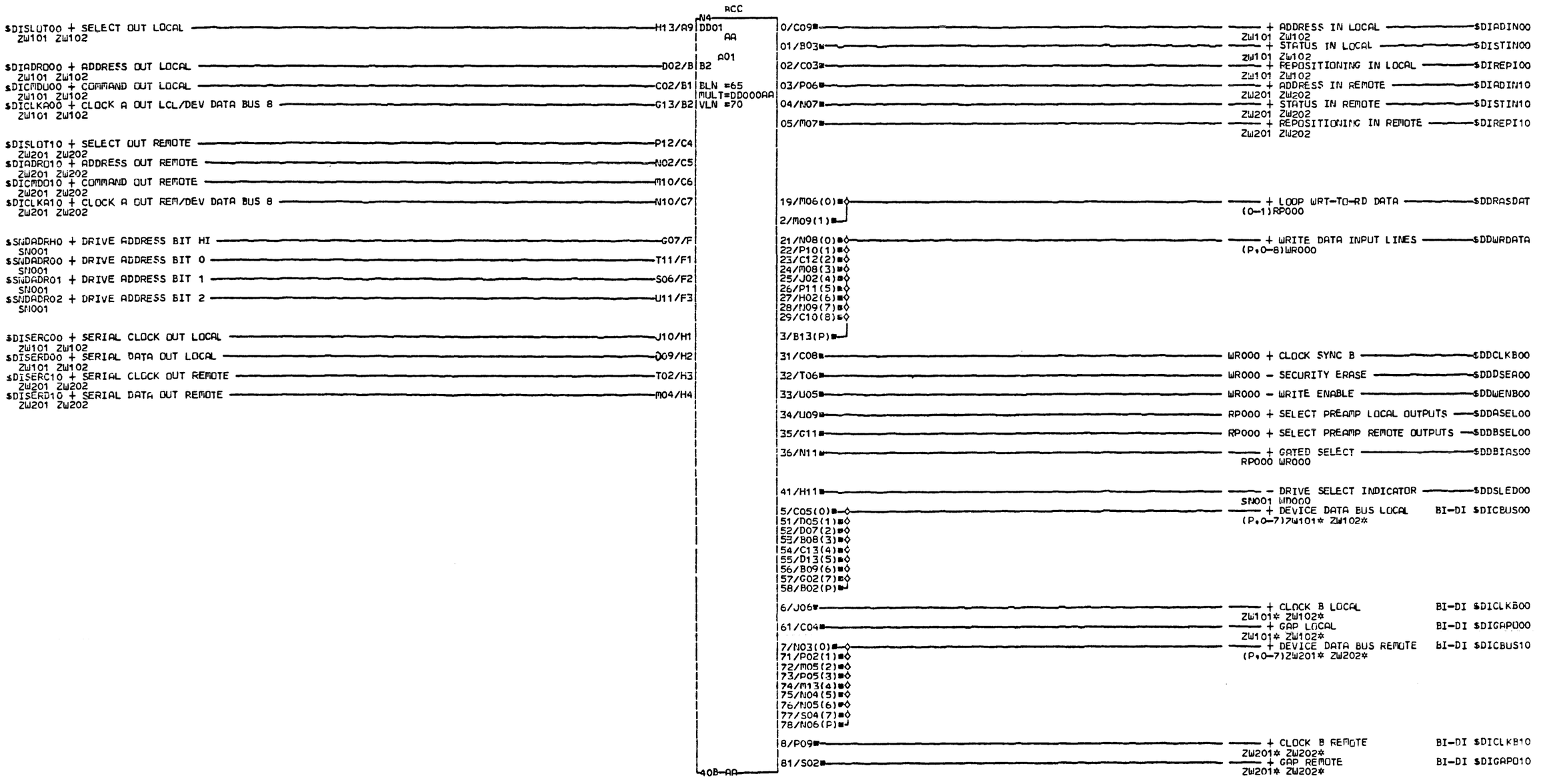
PART NO. 6273198 SHEET 1 OF 1

DEVELOPMENT NO.

LOGIC PG NO. AL002

NDA

V2 13MAY86 CDI



COMMENTS
A1+5V: D03,J03,P03,U03
2GND: D08,J08,P08,U08
3+8.5: M11
4-5V: B06

DRIVE CONTROL CARD
I/O MACRO BLOCK

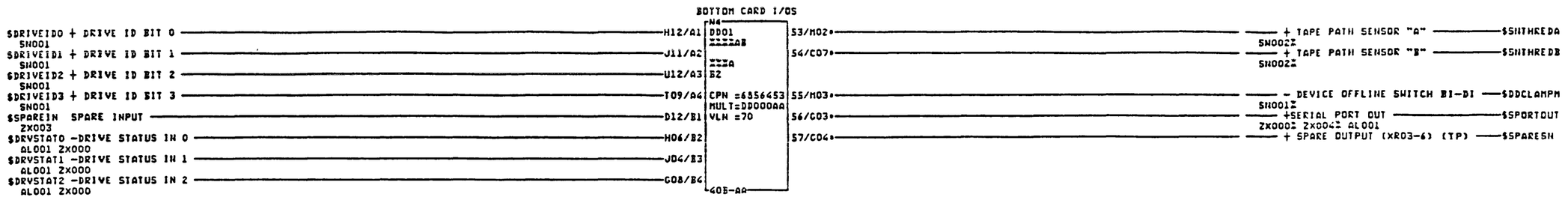
PN=6178218,EC=A15660

LOC=2A-A1B2

USN 00003 PRI=14MAR85 1232

AUC= SEC
PFORM=KSHB NEXTBLK AB
MACH=3480
CID DCF0 JOB R544753H

DD000 0001



D D 0 0 1

0001

BOTTOM CARD CONNECTOR ASSIGNMENTS
DRIVE CONTROL CARD
PN=6178219.EC=A29455

LOC=2A-A1B2

USN 00001 PRI=12MAR86 1357

AUC= SEC
PFORM=KSH80 NEXTBLK A8
MACH=COPR
CID AKG2 JOB G5598988

D D 0 0 1

0001

BOTTOM CARD I/OS
-N4-
DD01
AD
A03
B2
MULT=DD000AA
VLN =70

$SWITCHM0 – DEVICE READY SWITCH WD000 —— J07/A
$SWITCHM1 – UNLOAD SWITCH WD000 —— G10/A1
$CAINER00 + TENSION GOOD PA001 —— B10/A3
$SWITCHM3 – REWIND SWITCH WD000 —— J13/A4
$CAPAER00 + POWER AMP ERROR PA001 —— D06/A5
$SWITCHM7 + AMBIENT AIR TEMP HIGH SN001 —— J09/A6
$SWITCHM6 + AIR PRESSURE LOSS SN001 —— C06/A7
$CARMPB00 + MACHINE MOTOR PROBLEM PA001 —— G09/A8

$CAPORSTM – POWER ON RESET PA001 ZX004 —— P04/B1

$CAFMPB00 + FILE MOTOR PROBLEM PA001 —— B05/B3
$VRFPSNSE + FILE PROTECT SENSE VP000 ZX004 —— B07/B4

$SNMACTAC + MACH REEL TACH PHASE "A" SN001 —— G06/B9
$SNMACTAB + MACH REEL TACH PHASE "B" SN001 —— H04/C
$CAPRTE00 + DAC PARITY ERROR PA000 —— B04/C1
$SNFRTACA + FILE REEL TACH PHASE "A" SN001 —— M12/C2
$SNFRTACB + FILE REEL TACH PHASE "B" SN001 —— S03/C3
$MDERRORP + MSG DISP BUS PARITY ERROR WD000 —— G05/C4
$SNCARTLD + CARTRIDGE LATCHED SN002 ZX004 —— H10/C5

$WCRASERR + WRITE CARD RAS INDICATOR (0–2)WR000 —— (0)H09/C8, (1)D04/C9, (2)H07/D

$SNCARTPR + CARTRIDGE PRESENT SN002 ZX004 —— N12/D1

=$XXCYCSTM – CYCLE STEAL (TP) —— ÷2 —— H08/D2

0/H05 —— – LOAD FILE DAC PA000 —— $DDCREG2M
01/T08 —— WD000 + DISPLAY RESET —— $DDMDRSTP
02/T07 —— PA000 – GATE TENSION ANALOG —— $DDGATTNM
03/U02 —— PA001 – TRAY SOLENOID ON —— $DDTRAYSN
04/T05 —— PA000 – LOAD MACH DAC —— $DDCREG1M
05/D11 —— SN002 + MACH REEL TACH LED CURRENT A —— $DDLEDI04
06/D10 —— SN002 + MACH REEL TACH LED CURRENT B —— $DDLEDI12

08/S12 —— – POWER AMP ENABLE PA000 —— $DDRAEN00
09/S10 —— PA000 – STOPLOCK FILTER ENABLE —— $DDSLEN0Q
1/P07 —— WD000 – MS CLOCK FOR MSG DSP —— $DDMSCLKM
11/U07 —— PA001 – THREAD MOTOR BACKWARD —— $DDLTCW00
12/P13 —— + SLO GATE FOR MSG DSP WD000 WR000 —— $DDMDCLKP
13/S07 —— WD000 – MESSAGE DISPLAY LOAD CMD —— $DDMDLODM
15/J12 —— PA001 – THREAD MOTOR FORWARD —— $DDLTCC00
16/U06 —— + DISPLAY LAMP TEST WD000 —— $DDLITERP
17/U04 —— WD000 – LOAD MSG DSP PLA —— $DDMDLDPM
18/T10 —— SN002 – DRIVE SENSOR LEDS —— $DDDRIVEM
19/T03 —— – POWER AMP ERR RESET PA001 —— $DDPARSTM
21/S08 —— WD000 + FUN REG LD —— $DDLDFUNP
22/B12 —— SN002 + TAPE PATH "A" LED CURRENT —— $DDLEDI00
23/B11 —— SN002 + TAPE PATH "B" LED CURRENT —— $DDLEDI01
24/H03 —— SN002 + CART PRES SENSOR LED CURRENT —— $DDLEDI02

28/J05 —— SN002 + SPARE LED CURRENT —— $DDLEDI06
29/T04 —— PA001 – RESET A —— $DDRSETAM
3/S13(0) —— – XREG DATA BUS REPOWERED (P.0–7)PA000 WD000 —— $DDXRDATR
31/T12(1)
32/U13(2)
33/T13(3)
34/S09(4)
35/N13(5)
36/S11(6)
37/U10(7)
38/G12(P)
39/C11 —— SN002 + CARTRIDGE LATCHED LED CURRENT —— $DDLEDI11
4/S05 —— + LIFTER ON/– READ BIAS PA000 RP000 —— $DDPUFFER

40B–AA

CONNECTORS
$XXCYCSTM
0003$2A–A1/E2P11

BOTTOM CARD CONNECTOR ASSIGNMENTS
DRIVE CONTROL CARD
PN=6178220,EC=A15660

LOC=2A–A182

USN 00003 PRI=14MAR85 1232
AUC= SEC
FFUNM=KSHB NEXTBLK AB
MACH=3480
CID DCF0 JOB R544753H

D D O O 2 0001

TCC
N4
DD01
AC
B01
B2
BLN =65
MULT=DD000AA
VLN =70
44B-AA

=DD722EB1	- DEVICE READY SW CONNECTED	Y02/A	01/X33*1	- CONTROL STORE SELECT $DDCSSELM
=DD722EF1	- UNLOAD SWITCH CONNECTED	Y03/A1	02/X27*1	- CONTROL STORE WRITE $DDCSWRTM
=DD722EJ1	- OFF LINE SWITCH CONNECTED	Y04/A2	03/Z33	- SHUTDOWN $DDSHUTDN=
=DD722EN1	- REWIND SWITCH CONNECTED	Y05/A3	04/Z22	- CLOCK SYNC FOR GOLF DD120BW3 =
=DD722ER1	- AIR LOSS SWITCH CONNECTED	Y06/A4	05/Z23*1	
=DD722EV1	+ AMBIENT AIR TEMP HI C	Y07/A5	06/Z24*1	
			1/W33(0)	
			11/W13(1)	
			12/X09(2)	
			13/W30(3)	
			14/X25(4)	
			15/X26(5)	
			16/X28(6)	
			17/X05(7)	
			18/X29(8)	
			19/W03(9)	
=DD017EB3	+ TA CONNECTED	Y08/B	2/W02(10)	- CONTROL STORE DATA BUS (0-17) $DDCSDBUS
=DD017EB31	+ TB CONNECTED	Y09/B1	21/X10(11)	
=DD017EB32	+ TC CONNECTED	Y10/B2	22/W29(12)	
=DD017EB33	+ TD CONNECTED	Y11/B3	23/X03(13)	
=DD017EB34	+ TE CONNECTED	Y12/B4	24/X02(14)	
=DD017EB35	+ TF CONNECTED	Y13/B5	25/X22(15)	
			26/X07(16)	
			27/X24(17)	
=DD017BD0	- CLOCK SYNC CONNECTED	Z02/C	3/X08(0)	
=DD017BD01	- CS WRITE CONNECTED	Z03/C1	31/X06(1)	
=DD017BD02	- CS SELECT CONNECTED	Z04/C2	32/X11(2)	
=DD017BE03	- SHUTDOWN CONNECTED	Z13/C3	33/W09(3)	
=DD380AA21	- SPARE TCC INPUT (XR1A-4)	X13/C4	34/W06(4)	
			35/W11(5)	
			36/W24(6)	
			37/W05(7)	
			38/W22(8)	
			39/W32(9)	
			4/W25(10)	- CONTROL STORE ADDRESS BUS (0-15) $DDCSABUS
			41/W10(11)	
			42/W26(12)	
			43/X30(13)	
			44/W28(14)	
			45/W07(15)	
			5/Y22	- DEVICE READY SW INTEGRATED DD720BB1 =
			51/Y23	- UNLOAD SWITCH INTEGRATED DD720BF1 =
			52/Y24	- OFF LINE SWITCH INTEGRATED DD720BJ1 =
			53/Y25	- REWIND SWITCH INTEGRATED DD720BW1 =
			54/Y26	- AIR LOSS SWITCH INTEGRATED DD720BR1 =
			55/Y27	+ AMBIENT AIR TEMP HIGH DD720BV1 =
			6/Y28	+ TA DD100EB3 =
			61/Y29	+ TB DD100EB31=
			62/Y30	+ TC DD100EB32=
			63/Y31	+ TD DD100EB33=
			64/Y32	+ TE DD100EB34=
			65/Y33	+ TF DD100EB35=
			66(0-7)*1	- XREG BUS CONNECTED (0-7) DD017BD03
			75(0-7)*1	- XREG DATA BUS (0-7) DD200AA36

NOTE: TOP CARD CARD CONNECTOR POSITIONS Y AND Z REQUIRE SINGLE HIGH CROSSOVER PN 2399086. FOR NORMAL OPERATION TCC PINS Y02 THRU Z13 ARE JUMPERED TO Y22 THRU Z33 RESPECTIVELY
10Q-DD

CONTENTS	PINS	PINS
A1GND: W04,W08,W12,W23,W27,W31	AA	69/208
2GND: X04,X12,X23,X31	01	70/209
	*HA	71/210
	*LA	72/211
	02	73/212
	*HA	75/225
	*LA	76/226
	05	77/227
	*LA	78/228
	06	79/229
	*LA	80/230
	66/205	81/231
	67/206	82/232
	68/207	

TCC MACROBLOCK

DRIVE CONTROL CARD
PN=6178221,EC=A15660

LOC=2A-A1B2

USN 00003 PRI=14MAR85 1232

FMC= SEC
PFORM=KSMB NEXTBLK DE
MACH=3480
CID DCF0 JOB R544753H

D D 0 0 3 0001

PART NO. 6390313

DEVICE A1 BOARD Y1 CABLE POSITION

POWER AMP

DEVICE A1 BOARD Y1 CABLE POSITION

TUDOPAJ1
TUD1PAJ1

$DDRAENOO -POWER AMP ENABLE DD002	TU-DO/1-A1-C1B11	D10				
$DDSLENOO -STOPLOCK FILTER ENABLE DD002	TU-DO/1-A1-C1A11	D09				
$DDPUFFER +LIFTER ON/-READ BIAS DD002	TU-DO/1-A1-C1E11	D13	D12	+DAC PARITY ERROR	TU-DO/1-A1-C1D11	$CAPRTE00 DD002
$DDCREG1M -LOAD MACH DAC DD002	TU-DO/1-A1-B1A13	B04	B02	+MACH DAC (+/- 8 V)	TU-DO/1-A1-A1D13	$CAMACDAC (TP)
$DDCREG2M -LOAD FILE DAC DD002	TU-DO/1-A1-C1D13	B12				
$DDGATTNM -GATE TENSION ANALOG DD002	TU-DO/1-A1-C1C11	D11	B08	+MACH ANALOG (+/- 4 V)	TU-DO/1-A1-B1E13	$CAMACANA (TP)
$DDXRDATR -XREG DATA BUS REPOWERED DD002	TU-DO/1-A1-C1C13 (P)	B11				
(P.0-7) [1]	(0)	D03	B09	+MACH MTR CURRENT (+/- 8 V)	TU-DO/1-A1-C1A13	$CAMACCUR (TP)
	(1)	D07				
	(2)	B06	B10	+TENSION ANALOG (+/- 3 V)	TU-DO/1-A1-C1B13	$CATENSON (TP)
	(3)	B05				
	(4)	D06				
	(5)	D05				
	(6)	B03	D08	GND	TU-DO/1-A1-B1E11	GROUND ZZ200
	(7)	D04				
DD002 GND	TU-DO/1-A1-B1D13	B07	D02	GND	TU-DO/1-A1-A1D11	GROUND ZZ200
DD002 GND	TU-DO/1-A1-C1E13	B13				

NOTES

[1] TU-DO/1-A1 DD002: (P)C1C13 (0)A1E11 (1)B1D11 (2)B1C13 (3)B1B13 (4)B1C11 (5)B1B11 (6)A1E13 (7) B1A11.

[2] TRANSDUCER BIAS (+15 V) DEVELOPED AT POWER AMP BOARD.

TITLE: CONNECTORS — POWER AMP

DESIGNER	JTJ	4OCT82
CHECKED	AHR	8NOV82
APPROVED	AHR	8NOV82
CLASS	DMO	8FEB84

RTD

DATE	7MAR84	
	3JUN85	
E.C. NO.	A06052	
	A06069	

MOST CONFORM TO ENG. SPEC.

LOGIC PKG NO. PA000/001

PART NO. 6390313 SHEET 1 OF 3

DEVELOPMENT NO.

PART NO. 6390313

DEVELOPMENT NO.

PART NO. 6390313

POWER AMP

DEVICE A1 BOARD Z1 CABLE POSITION

$DDPARSTM DD002	-POWER AMP ERR RESET	TU-D0/1-A1-A6D04		B02
$DDLTCW00 DD002	-THREAD MOTOR BACKWARD	TU-D0/1-A1-A6E04		B03
$DDLTCC00 DD002	-THREAD MOTOR FORWARD	TU-D0/1-A1-B6A04		B04
$SPP5DCON ZZ200	SPECIAL +5 V	TU-D0/1-A1-A6E02		D03
$SWITCHM4 DD002	-POWER ON RESET SWITCH	TU-D0/1-A1-B6A02		D04
$DDRSETAM DD002	-RESET A	TU-D0/1-A1-B6B02		D05
DD002 $CAMACPDC (TP)	+FILTERED MACH DAC +/- 8 V	TU-D0/1- A1-B6E04		B08
ZZ200	GND	TU-D0/1-A1-B6E02		D08
ZZ200	GND	TU-D0/1-A1-A6D02		D02
ZZ200	GND	TU-D0/1-A1-B6D04		B07
ZZ200	GND	TU-D0/1-A1-C6E04		B13
ZZ200	-5 V	TU-D0/1-A1-B6C03		D06

TUD0PAJ2
TUD1PAJ2

DEVICE A1 BOARD Z1 CABLE POSITION

B05	TU-D0/1-A1-B6B04	+ FILE ANALOG +/- 4 V		$CAFILANA (TP)
B09	TU-D0/1-A1-C6A04	+TENSION GOOD		$CAINER00 DD002
B12	TU-D0/1-A1-C6D04	+POWER AMP ERROR		$CAPAER00 DD002
D12	TU-D0/1-A1-C6D02	+FILTERED FILE DAC +/- 8 V		$CAFILFDC (TP)
B11	TU-D0/1-A1-C6C04	+FILE MOTOR PROBLEM		$CFMPB00 DD002
B10	TU-D0/1-A1-C6B04	+MACHINE MOTOR PROBLEM		$CARMPB00 DD002
D11	TU-D0/1-A1-C6C02	-TRAY SOLENOID ON		$DDTRAYSN DD002
B06	TU-D0/1-A1-B6C04	+FILE CURRENT +/- 8 V		$CAFILCUR (TP)
D07	TU-D0/1-A1-B6D02	-TRUE POR		$CATRPORM ZX004
D09	TU-D0/1-A1-C6A02	+POWER ON RESET		$CAPORSTP UP000 WD000
D10	TU-D0/1-A1-C6B02	-POWER ON RESET		$CAPORSTM DD002 ZX004
D13	TU-D0/1-A1-C6E02	+FILE DAC +/- 8 V		$CAFILOC (TP)

TENSION TRANSDUCER

ZT030	TRANSDUCER OUTPUT	TU-D0/1-DK-J14-4	J3-A2	
ZT030	OFFSET	TU-D0/1-DK-J14-8	J3-A4	

TUD0PAJ3
TUD1PAJ3

TENSION TRANSDUCER

J3-B1	TU-D0/1-DK-J14-1	+11.26 V BIAS		ZT030
J3-B4	TU-D0/1-DK-J14-7	BIAS RETURN (GND)		ZT030
J3-B3	TU-D0/1-DK-J14-5	+15 V TRANSDUCER BIAS		ZT030

[2]

TITLE: CONNECTORS — POWER AMP-

DESIGNER
CHECKED
APPROVED
GLASS

EC NO.	DATE
A06052	7MAR84
A06069	3JUN85

RED

MUST CONFORM TO ENG. SPEC.

SI A1 metric

PART NO. 6390313 SHEET 2 OF 3

DEVELOPMENT NO.

LOGIC FIG NO. PA000/001

PART NO. 6390313

DEVELOPMENT NO.

MASTER

PART NO. 6390313

DEVELOPMENT NO.

PART NO. 6390313

POWER AMP

TUD0PAJ4 TUD1PAJ4

1	+CARTRIDGE LATCHED	→ YG010/110
2	-CARTRIDGE LATCHED	→ YG010/110

TUD0PAJ5 TUD1PAJ5

1	-THREAD MOTOR BACKWARD	→ YG010/110
2	-THREAD MOTOR FORWARD	→ YG010/110

TUD0PAJ6 TUD1PAJ6

1	+FILE MOTOR DRIVE	→ YG010/110
2	-FILE MOTOR DRIVE	→ YG010/110

TUD0PAJ7 TUD1PAJ7

1	+MACHINE REEL DRIVE	→ YG010/110
2	-MACHINE REEL DRIVE	→ YG010/110

TUD0PAJ8 TUD1PAJ8

ZZ020/120	TU D0/1-P1-P1-3 +5 V	1
	TU D0/1-P1-P1-9 +5 V RTN	2
	TU D0/1-P1-P2-1 +24 V	3
	TU D0/1-P1-P2-2 +15 V	4
	TU D0/1-P1-P2-8 +15 V RTN	5
	TU D0/1-P1-P2-7 +24 V RTN	6
	TU D0/1-P1-P2-11 -PICK	7
	TU D0/1-P1-P2-3 -15 V	8
	TU D0/1-P1-P1-6 +5 V CTLD	9

TUD0PAJ11 TUD1PAJ11

1	+TAPE LIFTER SOLENOID	→ YG010/110
2	-TAPE LIFTER SOLENOID	→ YG010/110

TITLE	POWER AMP- CONNECTORS			DATE	EC NO.
				7MAR84	A06052
			RED	3JUN85	A06069
DESIGNER					
CHECKED					
APPROVED					
CLASS					

SI A1 metric

MUST CONFORM TO ENG. SPEC.

PART NO. 6390313 SHEET 3 OF 3

DEVELOPMENT NO.

LOGIC PG NO. PA000/001

RCC

$DDASELOO + SELECT PREAMP LOCAL OUTPUTS
DD000 — B03/A

$DDBSELOO + SELECT PREAMP REMOTE OUTPUTS
DD000 — D10/B

$DDBUFFER + LIFTER ON/- READ BIAS
DD002 — U06/C

$DDRASDAT + LOOP WRT-TO-RD DATA
(0:1)DD000 — (0)D11/D
(1)S03/E

$DDBIAS00 + GATED SELECT
DD000 — D06/F

$SPP5DCON + 5V SPECIAL
PA001 — U11/G

N4
ICGT
****
****A01
H2
BLN =65
CPN =.
VLN =70

45B-AA

11/S02(P) — READ DATA 1A TRK 1 LOCAL — $RBUS1AL
12/S04(M) (M,P)VP000 VP001
13/U02(P) — READ DATA 1A TRK 1 REMOTE — $RBUS1AR
14/U04(M) (M,P)VP000 VP002
15/U05(P) — READ DATA 1B TRK 2 LOCAL — $RBUS1BL
16/U07(M) (M,P)VP000 VP001
17/S05(P) — READ DATA 1B TRK 2 REMOTE — $RBUS1BR
18/S07(M) (M,P)VP000 VP002
19/U09(P) — READ DATA 2A TRK 3 LOCAL — $RBUS2AL
2/U10(M) (M,P)VP000 VP001
21/S10(P) — READ DATA 2A TRK 3 REMOTE — $RBUS2AR
22/S09(M) (M,P)VP000 VP002
23/U12(P) — READ DATA 2B TRK 4 LOCAL — $RBUS2BL
24/U13(M) (M,P)VP000 VP001
25/S12(P) — READ DATA 2B TRK 4 REMOTE — $RBUS2BR
26/S13(M) (M,P)VP000 VP002
27/M13(P) — READ DATA 3A TRK 5 LOCAL — $RBUS3AL
28/M12(M) (M,P)VP000 VP001
29/P13(P) — READ DATA 3A TRK 5 REMOTE — $RBUS3AR
3/P12(M) (M,P)VP000 VP002
31/P09(P) — READ DATA 3B TRK 6 LOCAL — $RBUS3BL
32/M10(M) (M,P)VP000 VP001
33/P10(P) — READ DATA 3B TRK 6 REMOTE — $RBUS3BR
34/P11(M) (M,P)VP000 VP002
35/M09(P) — READ DATA 4A TRK 7 LOCAL — $RBUS4AL
36/M07(M) (M,P)VP000 VP001
37/P07(P) — READ DATA 4A TRK 7 REMOTE — $RBUS4AR
38/M08(M) (M,P)VP000 VP002
39/M05(P) — READ DATA 4B TRK 8 LOCAL — $RBUS4BL
4/M04(M) (M,P)VP000 VP001
41/P05(P) — READ DATA 4B TRK 8 REMOTE — $RBUS4BR
42/P06(M) (M,P)VP000 VP002
43/M03(P) — READ DATA 5A TRK 9 LOCAL — $RBUS5AL
44/P04(M) (M,P)VP000 VP001
45/M02(P) — READ DATA 5A TRK 9 REMOTE — $RBUS5AR
46/P02(M) (M,P)VP000 VP002
47/G12(P) — READ DATA 5B TRK 10 LOCAL — $RBUS5BL
48/G13(M) (M,P)VP000 VP001
49/J13(P) — READ DATA 5B TRK 10 REMOTE — $RBUS5BR
5/J12(M) (M,P)VP000 VP002
51/G10(P) — READ DATA 6A TRK 11 LOCAL — $RBUS6AL
52/J11(M) (M,P)VP000 VP001
53/J10(P) — READ DATA 6A TRK 11 REMOTE — $RBUS6AR
54/J09(M) (M,P)VP000 VP002
55/G07(P) — READ DATA 6B TRK 12 LOCAL — $RBUS6BL
56/G09(M) (M,P)VP000 VP001
57/G08(P) — READ DATA 6B TRK 12 REMOTE — $RBUS6BR
58/J07(M) (M,P)VP000 VP002
59/J06(P) — READ DATA 7A TRK 13 LOCAL — $RBUS7AL
6/J05(M) (M,P)VP000 VP001
61/G04(P) — READ DATA 7A TRK 13 REMOTE — $RBUS7AR
62/G05(M) (M,P)VP000 VP002
63/G03(P) — READ DATA 7B TRK 14 LOCAL — $RBUS7BL
64/G02(M) (M,P)VP000 VP001
65/J02(P) — READ DATA 7B TRK 14 REMOTE — $RBUS7BR
66/J04(M) (M,P)VP000 VP002
67/D13(P) — READ DATA 8A TRK 15 LOCAL — $RBUS8AL
68/D12(M) (M,P)VP000 VP001
69/B13(P) — READ DATA 8A TRK 15 REMOTE — $RBUS8AR
7/B12(M) (M,P)VP000 VP002
71/D02(P) — READ DATA 8B TRK 16 LOCAL — $RBUS8BL
72/D04(M) (M,P)VP000 VP001
73/B04(P) — READ DATA 8B TRK 16 REMOTE — $RBUS8BR
74/B02(M) (M,P)VP000 VP002
75/D07(P) — READ DATA 9A TRK 17 LOCAL — $RBUS9AL
76/D05(M) (M,P)VP000 VP001
77/A07(P) — READ DATA 9A TRK 17 REMOTE — $RBUS9AR
78/A05(M) (M,P)VP000 VP002
79/A08(P) — READ DATA 9B TRK 18 LOCAL — $RBUS9BL
8/D09(M) (M,P)VP000 VP001
81/B09(P) — READ DATA 9B TRK 18 REMOTE — $RBUS9BR
82/B10(M) (M,P)VP000 VP002

D
READ DATA BUS OUTPUTS P AND P' ARE
.90V TO 1.4V PEAK-TO-PEAK MEASURED DIFFERENTIALLY
552-XX

COMMENTS
A1GND: D08,J08,P08,U08
2+5V: D03,J03,P03,U03
3-5V: B06,G06,P06,S06
4+8.5V: B11

READ PREAMP CARD

PN=6178223,EC=A29052

LOC=2A-A1H2

USN 00001 PRI=19JAN87 0836

CLK= SEC
FPGM=KSMB NEXTBLK XY
MACH=3480
CID DCF0 JOB DF5230BB

RP000

0001

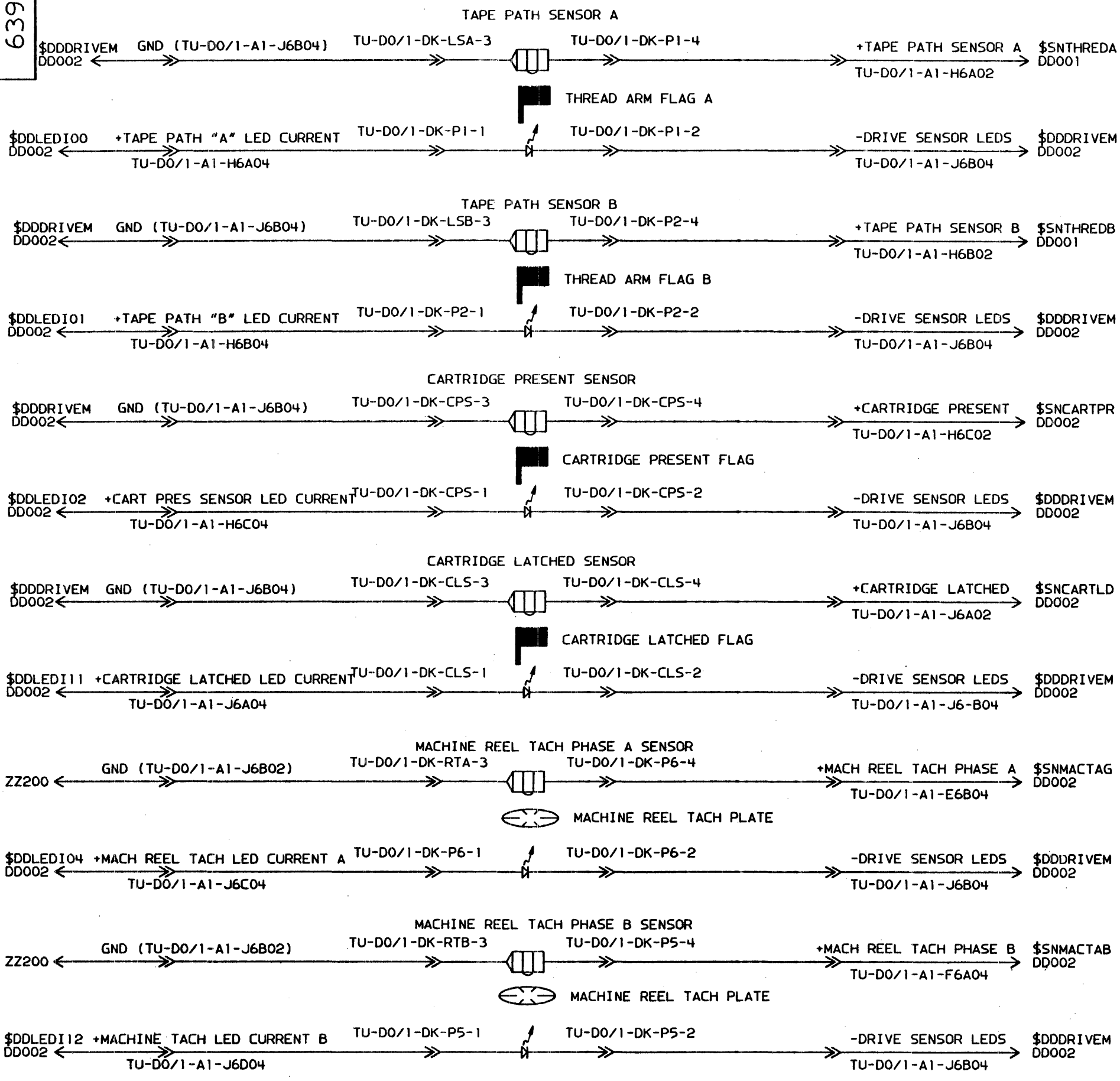
MASTER

PART NO. 6390314

PART NO. 6390314

DEVELOPMENT NO.

SENSORS AND SWITCHES



TITLE	SENSORS AND	
SWITCHES - DRIVE 0/1		
DESIGNER	JTJ	4OCT82
CHECKED	AHR	8NOV82
APPROVED	AHR	8NOV82
CLASS	DMO	8FEB84

	DATE	EC NO.
	7MAR84	A06052
RED	3JUN85	A060609
	23AUG85	A21676
	11JUN86	A21676A
	4DEC86	A29052
	23JUN87	A29052A

SI A1 metric

MUST CONFORM TO ENG. SPEC.

PART NO. 6390314 SHEET 1 OF 3

DEVELOPMENT NO.

LOGIC PG NO. SN001/002

MASTER

PART NO. 6390314

DEVELOPMENT NO.

PART NO. 6390314

FILE PROTECT SW

TU-D0/1-P1-P2-5 ZZ020, ZZ120 — +15 V SPECIAL J3-3 — TU-D0/1-DK-FP-1 — TU-D0/1-DK-FP-2 — -FILE PROTECT/+15 V J3-1 → TU-D0/1-A1-J6C02, TU-D0/1-A1-J6D02, TU-D0/1-A1-J6E02 ZZ 200

AIR FLOW SENSOR

TU-D0/1-A1-F6A02 ZZ200 — GND — TU-D0/1-AFS-1 — [1] — TU-D0/1-AFS-3 — +AMBIENT AIR TEMP HIGH $SWITCHM7 DD002 TU-D0/1-A1-F6E02

TU D0/1-P1-P1-1 ZZ010/110 — TU-D0/1-P9-1 — TU-D0/1-J9-1 — +5 V — [4] — TU-D0/1-J9-3 — +5 V RTN — TU-D0/1-P9-3 — TU D0/1-P1-P1-7 ZZ010/110

PLENUM PRESS SW

TU-D0/1-A1-F6A02 ZZ200 GND — [1] — +AIR PRESSURE LOSS $SWITCHM6 DD002 TU-D0/1-A1-G6A02

FILE REEL TACH

TU-D0/1-A1-F6A02 ZZ200 GND — TU-D0/1-DK-P7-2 — TACH ASSEMBLY IN MOTOR — TU-D0/1-DK-P7-4 — +FILE REEL PHASE A $SNFRTACA DD002 TU-A1-D6E04

TU-D0/1-A1-D6E02 ZZ200 +5 V — TU-D0/1-DK-P7-1 — TACH ASSEMBLY IN MOTOR — TU-D0/1-DK-P7-3 — +FILE REEL PHASE B $SNFRTACB DD002 TU-A1-E6A04

THERMAL SW S-2

TU-P2-1 YF010 FROM C.U. SN001/002 FROM T.U. — +24 V K2 HOLD RTN — +24 V K2 HOLD RTN TU-D0/1-P2-C1-1 — TU-D6/7-P2-J1-1 [3]

TU-P2-2 YF015 FROM C.U. SN001/002 FROM T.U. — +24 V K2 HOLD — +24 V K2 HOLD TU-D0/1-P2-C1-2 — TU-D6/7-P2-J1-2 [3]

DRIVE 0 DC SWITCH

TU-CONT BOX-J8-4 ZZ020 — +5 V CTLD — C — ON — +5 V CTLD — TU-CONT BOX-J8-1 ZZ020

TU-CONT BOX-J8-5 ZZ020 — -PICK — C — ON — -PICK — TU-CONT BOX-J8-2 ZZ020

DRIVE 1 DC SWITCH

TU-CONT BOX-J8-6 ZZ120 — +5 V CTLD — C — ON — +5 V CTLD — TU-CONT BOX-J8-3 ZZ120

TU-CONT BOX-J8-8 ZZ120 — -PICK — C — ON — -PICK — TU-CONT BOX-J8-9 ZZ120

ONLINE/OFFLINE

TU-D0-A1-F6A02 ZZ200 GND — TU-D0-P1-J4-1 — TU-CONT BOX-P9-1 — C — ON/OFF — TU-CONT BOX-P9-3 — TU-D0-P1-J4-2 — TU-D0-A1-E6C04 DD002 [2]

-DEVICE OFFLINE SWITCH BI-DI $SCCLAMPM

RESET

TU-D0-A1-F6A02 ZZ200 GND — TU-D0-P1-J4-3 — TU-CONT BOX-P9-3 — C — N/O — TU-CONT BOX-P9-7 — TU-D0-P1-J4-5 — TU-D0-A1-F6B04 DD002 [2]

-POWER ON RESET $SWITCHM4

ONLINE/OFFLINE

TU-D1-A1-F6A02 ZZ200 GND — TU-D1-P1-J4-1 — TU-CONT BOX-P9-2 — C — ON/OFF — TU-CONT BOX-P9-4 — TU-D1-P1-J4-2 — TU-D1-A1-E6C04 DD002 [2]

-DEVICE OFFLINE SWITCH BI-DI $SCCLAMPM

RESET

TU-D1-A1-F6A02 ZZ200 GND — TU-D1-P1-J4-3 — TU-CONT BOX-P9-6 — C — N/O — TU-CONT BOX-P9-8 — TU-D1-P1-J4-5 — TU-D1-A1-F6B04 DD002 [2]

-POWER ON RESET $SWITCHM4

				DATE	EC NO.
				7MAR84	A06052
			RED	3JUN85	A06069
				23AUG85	A21676
				11JUN86	A21676A
				4DEC86	A29052
				23JUN87	A29052A

TITLE	SENSORS AND	
SWITCHES - DRIVES 0/1		
DESIGNER		
CHECKED		
APPROVED		
CLASS		

SI A1 metric

MUST CONFORM TO ENG. SPEC.

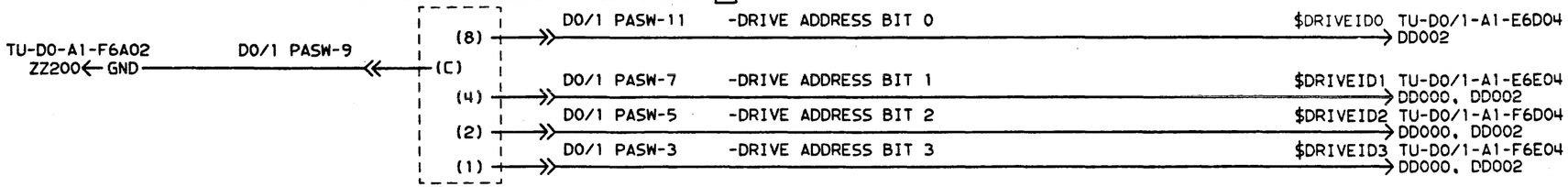
PART NO. 6390314 SHEET 2 OF 3

DEVELOPMENT NO.

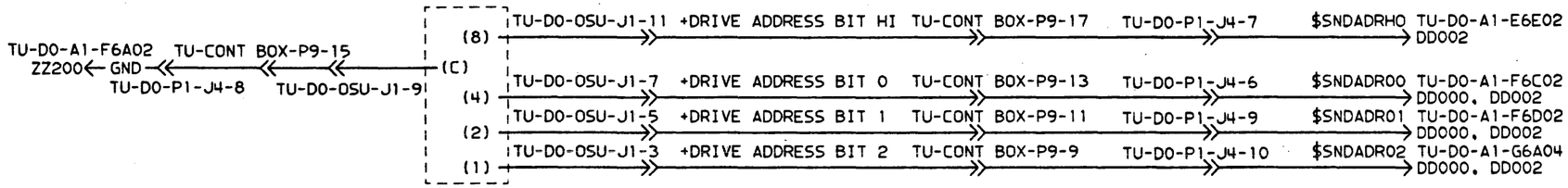
LOGIC PG NO. SN001/002

PART NO.
6390314

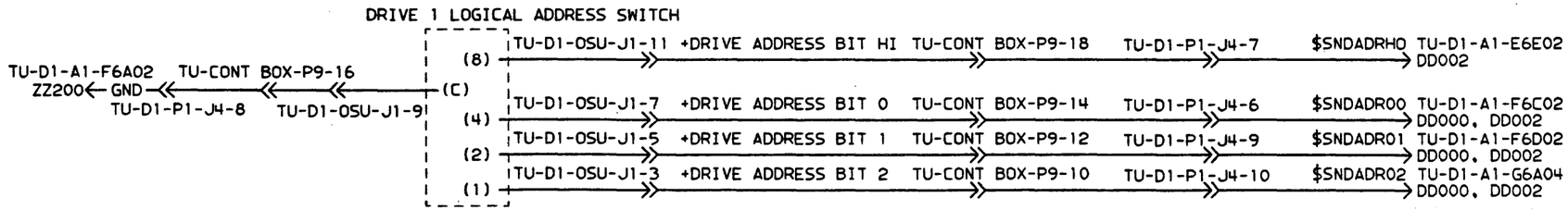
DRIVE 0/1 PHYSICAL ADDRESS SWITCH [5]



DRIVE 0 LOGICAL ADDRESS SWITCH



DRIVE 1 LOGICAL ADDRESS SWITCH



NOTES

1. SWITCHES SHOWN IN OPERATING POSITION.
2. FOR CONNECTION FROM SLT CONNECTOR TO CARD LOGIC SEE FIELD WIRE NET LIST.
3. LINES JUMPERED TOGETHER AT LAST DRIVE.
4. TWO 4 OHM RESISTORS ARE PART OF THE 'AIR FLOW SENSOR' ASSEMBLY.
5. SWITCH LOCATED ON REAR OF DRIVE, ACCESS FROM REAR OF TAPE UNIT.

CLASS	
APPROVED	
CHECKED	
DESIGNER	

TITLE: SENSORS AND SWITCHES - DRIVES 0/1

RED

EC NO.	DATE
A06052	7MAR84
A06069	3JUN85
A21676	23AUG85
A21676A	11JUN86
A29052	4DEC86
A29052A	23JUN87

MUST CONFORM TO ENG. SPEC.

LOGIC PG NO. SN001/002

PART NO. 6390314 SHEET 3 OF 3

DEVELOPMENT NO.

PART NO. 6390314

DEVELOPMENT NO.

MASTER

PART NO. 6273194

DEVELOPMENT NO.

PART NO. 6273194

LOADER SENSORS

AL-DO/1-CC-P/J2-48 GROUND — AL001 — K-3

CARTRIDGE STAGED SENSOR — K-4

AL-DO/1-CC-P/J2-49 -CARTRIDGE STAGED SNS — AL001

CARTRIDGE STAGED

AL-DO/1-CC-P/J2-46 CARTRIDGE STAGED CURRENT — AL001 — K-1

K-2

AL-DO/1-CC-P/J2-47 +INPUT LEDS OFF — AL001

AL-DO/1-CC-P/J2-26 GROUND — AL001 — F-3

EXTRACT COMPLETE SENSOR — F-4

AL-DO/1-CC-P/J2-27 -EXTRACT COMPLETE SNS — AL001

EXTRACT COMPLETE FLAG

AL-DO/1-CC-P/J2-24 EXTRACT COMPLETE CURRENT — AL001 — F-1

F-2

AL-DO/1-CC-P/J2-25 +FEED LEDS OFF — AL001

AL-DO/1-CC-P/J2-18 GROUND — AL001 — D-3

TRACK FEED SENSOR — D-4

AL-DO/1-CC-P/J2-19 +TRACK FEED POSITION SNS — AL001

TRACK FEED FLAG

AL-DO/1-CC-P/J2-16 TRACK FEED POSITION CURRENT — AL001 — D-1

D-2

AL-DO/1-CC-P/J2-17 +FEED LEDS OFF — AL001

AL-DO/1-CC-P/J2-22 GROUND — AL001 — E-3

TRACK CLOSED SENSOR — E-4

AL-DO/1-CC-P/J2-23 +TRACK CLOSED POSITION SNS — AL001

TRACK CLOSED FLAG

AL-DO/1-CC-P/J2-20 TRACK CLOSED POSITION CURRENT — AL001 — E-1

E-2

AL-DO/1-CC-P/J2-21 +FEED LEDS OFF — AL001

AL-DO/1-CC-P/J2-30 GROUND — AL001 — H-3

OUTPUT LOW POSITION SENSOR — H-4

AL-DO/1-CC-P/J2-31 +OUTPUT LOW POSITION SNS — AL001

OUTPUT LOW POSITION FLAG

AL-DO/1-CC-P/J-28 OUTPUT LOW POSITION CURR — AL001 — H-1

H-2

AL-DO/1-CC-P/J2-29 +OUTPUT LEDS OFF — AL001

AL-DO/1-CC-P/J2-34 GROUND — AL001 — G-3

OUTPUT UP POSITION SENSOR — G-4

AL-DO/1-CC-P/J2-35 +OUTPUT UP SNS — AL001

OUTPUT UP POSITION FLAG

AL-DO/1-CC-P/J2-32 OUTPUT UP CURRENT — AL001 — G-1

G-2

AL-DO/1-CC-P/J2-33 +INPUT LEDS OFF — AL001

FEED COMPLETE SENSOR

AL-DO/1-CC-P/J2-7 +5 V — AL001 — A-3

HALL EFFECT SWITCH — A-2

AL-DO/1-CC-P/J2-6 -FEED COMPLETE SNS — AL001

AL-DO/1-CC-P/J2-5 GROUND — AL001 — A-1

1111	LOADER SENSORS	
- AUTO CARTRIDGE LOADER		
DESIGNER	BT	12MAY86
CHECKED		
APPROVED		
CLASS	BT	12MAY86

	DATE	EC NO.
	12MAY86	A29455

SI A1 metric

MUST CONFORM TO ENG. SPEC.

PART NO. 6273194 SHEET 1 OF 2

DEVELOPMENT NO.

LOGIC PG NO. SN003

V2 13MAY86 CDI

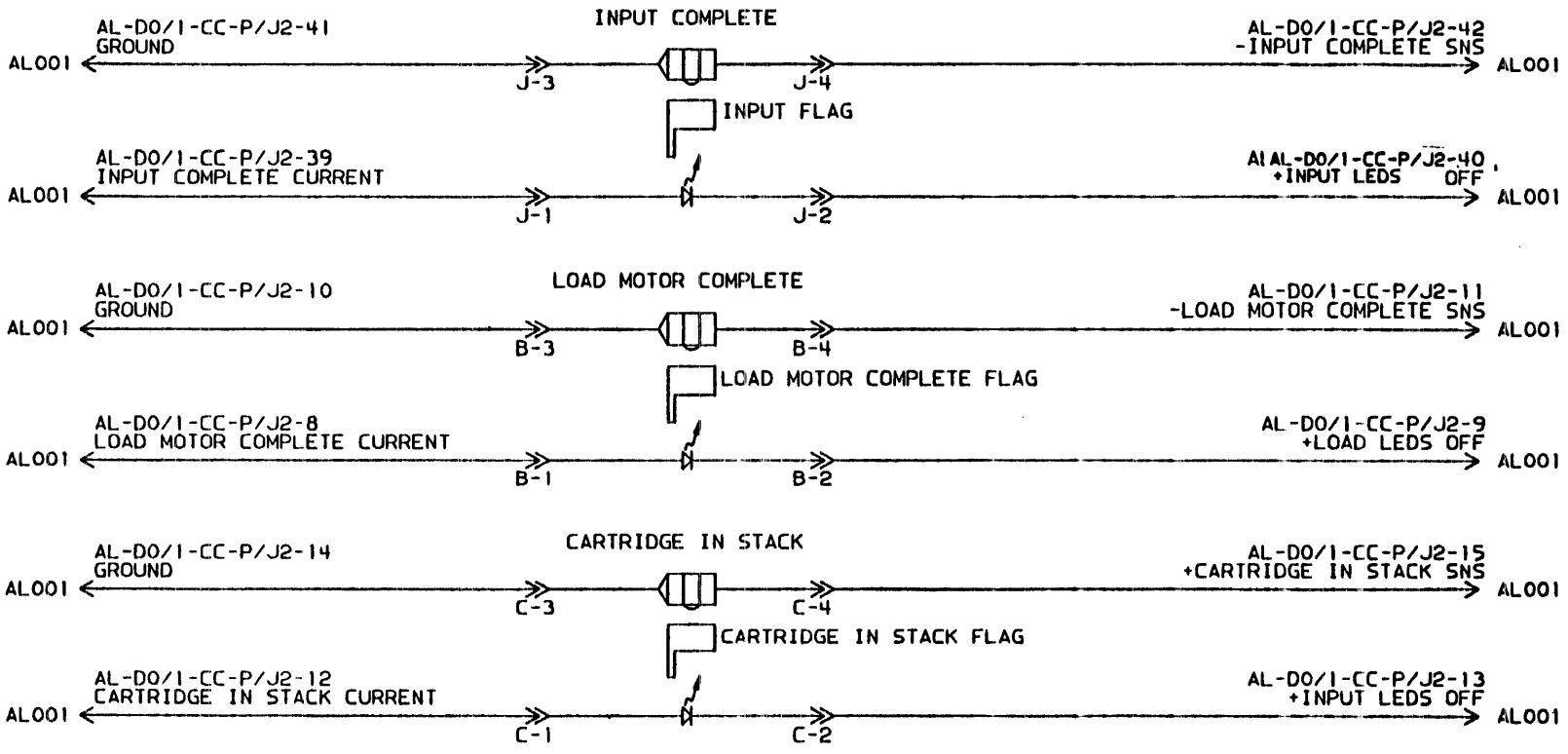
MASTER

PART NO. 6273194

DEVELOPMENT NO.

PART NO. 6273194

LOADER SENSORS



	DATE	EC NO.
	12MAY86	A29455

TITLE: LOADER SENSORS - AUTO CARTRIDGE LOADER

DESIGNER | CHECKED | APPROVED | CLASS

SI A1 metric

MUST CONFORM TO ENG. SPEC.

PART NO. 6273194 SHEET 2 OF 2

DEVELOPMENT NO.

LOGIC PG NO. SN003

$RBUS1AL	READ DATA 1A TRK 1 LOCAL	(M,P)RP000	(P)U04/A1	BCC N4 ICNN	
$RBUS1AR	READ DATA 1A TRK 1 REMOTE	(M,P)RP000	(P)U02/A3	****	
$RBUS1BL	READ DATA 1B TRK 2 LOCAL	(M,P)RP000	(P)S07/B1	***A01 G2	
$RBUS1BR	READ DATA 1B TRK 2 REMOTE	(M,P)RP000	(P)S05/B3	BLN =65	
$RBUS2AL	READ DATA 2A TRK 3 LOCAL	(M,P)RP000	(P)U10/C1	CPN = VLN =70	
$RBUS2AR	READ DATA 2A TRK 3 REMOTE	(M,P)RP000	(P)S10/C3		
$RBUS2BL	READ DATA 2B TRK 4 LOCAL	(M,P)RP000	(P)U12/D1		
$RBUS2BR	READ DATA 2B TRK 4 REMOTE	(M,P)RP000	(P)S12/D3		
$RBUS3AL	READ DATA 3A TRK 5 LOCAL	(M,P)RP000	(P)M13/E1		
$RBUS3AR	READ DATA 3A TRK 5 REMOTE	(M,P)RP000	(P)P13/E3		
$RBUS3BL	READ DATA 3B TRK 6 LOCAL	(M,P)RP000	(P)P09/F1		
$RBUS3BR	READ DATA 3B TRK 6 REMOTE	(M,P)RP000	(P)P10/F3		
$RBUS4AL	READ DATA 4A TRK 7 LOCAL	(M,P)RP000	(P)M09/G1		
$RBUS4AR	READ DATA 4A TRK 7 REMOTE	(M,P)RP000	(P)M07/G3		
$RBUS4BL	READ DATA 4B TRK 8 LOCAL	(M,P)RP000	(P)M05/H1		
$RBUS4BR	READ DATA 4B TRK 8 REMOTE	(M,P)RP000	(P)P05/H3		
$RBUS5AL	READ DATA 5A TRK 9 LOCAL	(M,P)RP000	(P)M03/I1		
$RBUS5AR	READ DATA 5A TRK 9 REMOTE	(M,P)RP000	(P)M02/I3		
$RBUS5BL	READ DATA 5B TRK 10 LOCAL	(M,P)RP000	(P)G12/J1		
$RBUS5BR	READ DATA 5B TRK 10 REMOTE	(M,P)RP000	(P)J13/J3		
$RBUS6AL	READ DATA 6A TRK 11 LOCAL	(M,P)RP000	(P)G10/K1		
$RBUS6AR	READ DATA 6A TRK 11 REMOTE	(M,P)RP000	(P)J10/K3		
$RBUS6BL	READ DATA 6B TRK 12 LOCAL	(M,P)RP000	(P)G08/L1		
$RBUS6BR	READ DATA 6B TRK 12 REMOTE	(M,P)RP000	(P)G07/L3		
$RBUS7AL	READ DATA 7A TRK 13 LOCAL	(M,P)RP000	(P)J06/M1		
$RBUS7AR	READ DATA 7A TRK 13 REMOTE	(M,P)RP000	(P)J04/M3		
$RBUS7BL	READ DATA 7B TRK 14 LOCAL	(M,P)RP000	(P)G04/N1		
$RBUS7BR	READ DATA 7B TRK 14 REMOTE	(M,P)RP000	(P)J02/N3		
$RBUS8AL	READ DATA 8A TRK 15 LOCAL	(M,P)RP000	(P)D13/O1		
$RBUS8AR	READ DATA 8A TRK 15 REMOTE	(M,P)RP000	(P)B13/O3		
$RBUS8BL	READ DATA 8B TRK 16 LOCAL	(M,P)RP000	(P)S03/P1		
$RBUS8BR	READ DATA 8B TRK 16 REMOTE	(M,P)RP000	(P)D10/P3		
$RBUS9AL	READ DATA 9A TRK 17 LOCAL	(M,P)RP000	(P)U09/Q1		
$RBUS9AR	READ DATA 9A TRK 17 REMOTE	(M,P)RP000	(P)B07/Q3		
$RBUS9BL	READ DATA 9B TRK 18 LOCAL	(M,P)RP000	(P)B08/R1		
$RBUS9BR	READ DATA 9B TRK 18 REMOTE	(M,P)RP000	(P)B09/R3		
$VREGON	-TURN 10.5V REGULATOR ON	WRCC0	B05/S3		
$RSENSE	+1.7V REGULATOR SENSE	1*D02/S4			
$CARDRSTF	+ POWER ON RESET	PA001	B04/S5	45B-AC	

1/G11 — + FILE PROTECT SENSE — $VRFPSNSE
ZX004* DD002
2/B11 — WR000 + POR FROM WRITE POWER — $IFWPOR00

S4 SERV 6460340 G2 72P-AE
1/M11(52) — + 8.5 VOLTS (52) — XB000ZZ0

D
NOTE: +1.7V REGULATOR SENSE IS AN INPUT FROM J4B05 ON WR000
55V-WW

D
READ DATA BUS OUTPUTS P AND M ARE .90V TO 1.4V PEAK-TO-PEAK MEASURED DIFFERENTIALLY
552-XX

COMMENTS
A1GND: D08
2+5V: D03
3-5V: B06
4+10.5V: D04,D05,D06
5+15V: B02,B03
6+15V CONNECTS THRU
7 FILE PROTECT SWITCH
8 REFERENCE PAGE SN001/002
9+8.5: M11

PINS
AC
S4
•V1•7

WRITE POWER CARD

PN=4746366,EC=A29052

LOC=2A-A1G2

USN 00001 PRI=19JAN87 0836

CUC= SEC
FORM=KSHB NEXTBLK XY
MFCH=3480
CIF DCF0 JOB 185230AF

V P 0 0 0 0001

PART NO. 6390315

TCC

$RBUS1AL READ DATA 1A TRK 1 CU LOCAL (M.P)VP000	35	A1G2 RIGHT	TU-D0/1-RA35	P1RA1	READ DATA 1A TRK 1 CU LOCAL $RBUS1AL
$RBUS1BL READ DATA 1B TRK 2 CU LOCAL (M.P)VP000	36		TU-D0/1-RA36		READ DATA 1B TRK 2 CU LOCAL $RBUS1BL
$RBUS2AL READ DATA 2A TRK 3 CU LOCAL (M.P)VP000	39		TU-D0/1-RA39		READ DATA 2A TRK 3 CU LOCAL $RBUS2AL
$RBUS2BL READ DATA 2B TRK 4 CU LOCAL (M.P)VP000	40		TU-D0/1-RA40		READ DATA 2B TRK 4 CU LOCAL $RBUS2BL
	37		TU-D0/1-RA37		
	38		TU-D0/1-RA38		
	29		TU-D0/1-PA29		
	30		TU-D0/1-RA30		

[1] [2]

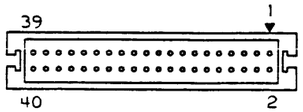
$RBUS3AL READ DATA 3A TRK 5 CU LOCAL (M.P)VP000	31	A1G2 RIGHT	TU-D0/1-RA31	P1RA1	READ DATA 3A TRK 5 CU LOCAL $RBUS3AL
$RBUS3BL READ DATA 3B TRK 6 CU LOCAL (M.P)VP000	32		TU-D0/1-RA32		READ DATA 3B TRK 6 CU LOCAL $RBUS3BL
$RBUS4AL READ DATA 4A TRK 7 CU LOCAL (M.P)VP000	33		TU-D0/1-RA33		READ DATA 4A TRK 7 CU LOCAL $RBUS4AL
$RBUS4BL READ DATA 4B TRK 8 CU LOCAL (M.P)VP000	34		TU-D0/1-RA34		READ DATA 4B TRK 8 CU LOCAL $RBUS4BL
	21		TU-D0/1-RA21		
	22		TU-D0/1-RA22		
	17		TU-D0/1-RA17		
	18		TU-D0/1-RA18		

$RBUS5AL READ DATA 5A TRK 9 CU LOCAL (M.P)VP000	11	A1G2 RIGHT	TU-D0/1-RA11	P1RA1	READ DATA 5A TRK 9 CU LOCAL $RBUS5AL
$RBUS5BL READ DATA 5B TRK 10 CU LOCAL (M.P)VP000	12		TU-D0/1-RA12		READ DATA 5B TRK 10 CU LOCAL $RBUS5BL
$RBUS6AL READ DATA 6A TRK 11 CU LOCAL (M.P)VP000	09		TU-D0/1-RA09		READ DATA 6A TRK 11 CU LOCAL $RBUS6AL
$RBUS6BL READ DATA 6B TRK 12 CU LOCAL (M.P)VP000	10		TU-D0/1-RA10		READ DATA 6B TRK 12 CU LOCAL $RBUS6BL
	19		TU-D0/1-RA19		
	20		TU-D0/1-RA20		
	23		TU-D0/1-RA23		
	24		TU-D0/1-RA24		

$RBUS7AL READ DATA 7A TRK 13 CU LOCAL (M.P)VP000	25	A1G2 RIGHT	TU-D0/1-RA25	P1RA1	READ DATA 7A TRK 13 CU LOCAL $RBUS7AL
$RBUS7BL READ DATA 7B TRK 14 CU LOCAL (M.P)VP000	26		TU-D0/1-RA26		READ DATA 7B TRK 14 CU LOCAL $RBUS7BL
$RBUS8AL READ DATA 8A TRK 15 CU LOCAL (M.P)VP000	15		TU-D0/1-RA15		READ DATA 8A TRK 15 CU LOCAL $RBUS8AL
$RBUS8BL READ DATA 8B TRK 16 CU LOCAL (M.P)VP000	16		TU-D0/1-RA16		READ DATA 8B TRK 16 CU LOCAL $RBUS8BL
	07		TU-D0/1-RA07		
	08		TU-D0/1-RA08		
	05		TU-D0/1-RA05		
	06		TU-D0/1-RA06		

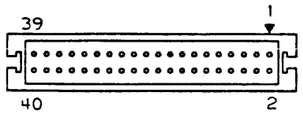
$RBUS9AL READ DATA 9A TRK 17 CU LOCAL (M.P)VP000	13	A1G2 RIGHT	TU-D0/1-RA13	P1RA1	READ DATA 9A TRK 17 CU LOCAL $RBUS9AL
$RBUS9BL READ DATA 9B TRK 18 CU LOCAL (M.P)VP000	14		TU-D0/1-RA14		READ DATA 9B TRK 18 CU LOCAL $RBUS9BL
	27		TU-D0/1-RA27		
	28		TU-D0/1-RA28		

LEFT



A1G2-WX

RIGHT



A1G2-YZ

NOTES

[1] SEE WW020 FOR READ BUS CABLING.

[2] TO CU LOGIC RD001, RD101, RD201, RD301, RD401, RD501.

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TITLE	DRIVE LOCAL READ BUS TO CU
DESIGNER	JTJ 4OCT82
CHECKED	AHR 8NOV82
APPROVED	AHR 8NOV82
CLASS	DMO 8FEB82

	DATE	FC NO.
RED	7MAR84	A06052
	3JUN85	A06069

MUST CONFORM TO ENG. SPEC.

LOGIC FIG. NO. VP001

DEVELOPMENT NO.

PART NO. 6390315 SHEET OF

PART NO. 6390315

DEVELOPMENT NO.

PART NO. 6390316

TCC

$RBUS1ATR READ DATA 1A TRK 1 REMOTE (M,P)VP000	35	A1G2 LEFT	TUD0/1	RB35	P1RB1	35	READ DATA 1A TRK 1 REMOTE $RBUS1AR
$RBUS1BR READ DATA 1B TRK 2 REMOTE (M,P)VP000	36		TUD0/1	RB36		36	READ DATA 1B TRK 2 REMOTE $RBUS1BR
	39		TUD0/1	RB39		39	
	40		TUD0/1	RB40		40	
$RBUS2AR READ DATA 2A TRK 3 REMOTE (M,P)VP000	37		TUD0/1	RB37		37	READ DATA 2A TRK 3 REMOTE $RBUS2AR
	38		TUD0/1	RB38		38	
$RBUS2BR READ DATA 2B TRK 4 REMOTE (M,P)VP000	29		TUD0/1	RB29		29	READ DATA 2B TRK 4 REMOTE $RBUS2BR
	30		TUD0/1	RB30		30	

[1] [2]

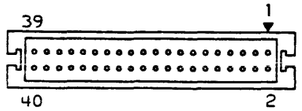
$RBUS3AR READ DATA 3A TRK 5 REMOTE (M,P)VP000	31	A1G2 LEFT	TUD0/1	RB31	P1RB1	31	READ DATA 3A TRK 5 REMOTE $RBUS3AR
$RBUS3BR READ DATA 3B TRK 6 REMOTE (M,P)VP000	32		TUD0/1	RB32		32	READ DATA 3B TRK 6 REMOTE $RBUS3BR
	33		TUD0/1	RB33		33	
	34		TUD0/1	RB34		34	
$RBUS4AR READ DATA 4A TRK 7 REMOTE (M,P)VP000	21		TUD0/1	RB21		21	READ DATA 4A TRK 7 REMOTE $RBUS4AR
	22		TUD0/1	PB22		22	
$RBUS4BR READ DATA 4B TRK 8 REMOTE (M,P)VP000	17		TUD0/1	RB17		17	READ DATA 4B TRK 8 REMOTE $RBUS4BR
	18		TUD0/1	RB18		18	

$RBUS5AR READ DATA 5A TRK 9 REMOTE (M,P)VP000	11	A1G2 LEFT	TUD0/1	RB11	P1RB1	11	READ DATA 5A TRK 9 REMOTE $RBUS5AR
	12		TUD0/1	RB12		12	
$RBUS5BR READ DATA 5B TRK 10 REMOTE (M,P)VP000	09		TUD0/1	RB09		09	READ DATA 5B TRK 10 REMOTE $RBUS5BR
	10		TUD0/1	RB10		10	
$RBUS6AR READ DATA 6A TRK 11 REMOTE (M,P)VP000	19		TUD0/1	RB19		19	READ DATA 6A TRK 11 REMOTE $RBUS6AR
	20		TUD0/1	RB20		20	
$RBUS6BR READ DATA 6B TRK 12 REMOTE (M,P)VP000	23		TUD0/1	RB23		23	READ DATA 6B TRK 12 REMOTE $RBUS6BR
	24		TUD0/1	RB24		24	

$RBUS7AR READ DATA 7A TRK 13 REMOTE (M,P)VP000	25	A1G2 LEFT	TUD0/1	RB25	P1RB1	25	READ DATA 7A TRK 13 REMOTE $RBUS7AR
	26		TUD0/1	RB26		26	
$RBUS7BR READ DATA 7B TRK 14 REMOTE (M,P)VP000	15		TUD0/1	RB15		15	READ DATA 7B TRK 14 REMOTE $RBUS7BR
	16		TUD0/1	RB16		16	
$RBUS8AR READ DATA 8A TRK 15 REMOTE (M,P)VP000	07		TUD0/1	RB07		07	READ DATA 8A TRK 15 REMOTE $RBUS8AR
	08		TUD0/1	PB08		08	
$RBUS8BR READ DATA 8B TRK 16 REMOTE (M,P)VP000	05		TUD0/1	PB05		05	READ DATA 8B TRK 16 REMOTE $RBUS8BR
	06		TUD0/1	RB06		06	

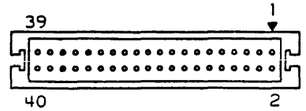
$RBUS9AR READ DATA 9A TRK 17 REMOTE (M,P)VP000	13	A1G2 LEFT	TUD0/1	RB13	P1RB1	13	READ DATA 9A TRK 17 REMOTE $RBUS9AR
	14		TUD0/1	RB14		14	
$RBUS9BR READ DATA 9B TRK 18 REMOTE (M,P)VP000	27		TUD0/1	PB27		27	READ DATA 9B TRK 18 REMOTE $RBUS9BR
	28		TUD0/1	PB28		28	

LEFT



A1G2-WX

RIGHT



A1G2-YZ

NOTES

[1] SEE WW020 FOR READ BUS CABLING.

[2] TO CU LOGIC RD001, RD101, RD201, RD301, RD401 RD501.

TITLE	DRIVE REMOTE READ BUS TO CU
DESIGNER	JTJ 40CT82
CHECKED	AIR 8NOV82
APPROVED	AIR 8NOV82
CLASS	DMO 8FEB84

EC NO.	DATE
	RED 3JUN85
A06052	7MAR84
A06069	AC

SI A1 metric

MUST CONFORM TO I.NG. SPEC.

LOGIC PG NO. VP002

DEVELOPMENT NO.

PART NO. 6390316 SHEET

PART NO. 6390316

DEVELOPMENT NO.

MASTER

PART NO.
6272581

TU-D0-P1-DSP-P1

$DDSLED00 DD000	TU-D0-A1-D1E11=Y2D02	-DRIVE SELECT INDICATOR	B02	D02	
$DDMDRSTP DD002	TU-D0-A1-E1E11=Y2D07	+DISPLAY RESET	B07	D07	
$DDMDLODM DD002	TU-D0-A1-F1D11=Y2D11	-MESSAGE DISPLAY LOAD CMD	B11	D11	
$CAPORSTP PA001	TU-D0-A1-E1A13=Y2B03	+POWER ON RESET	D03	B03	
$DDMSCLKM DD002	TU-D0-A1-E1B13=Y2B04	-MS CLOCK FOR MSG DSP	D04	B04	
$DDLITERP DD002	TU-D0-A1-E1C13=Y2B05	+DISPLAY LAMP TEST	D05	B05	
$DDMDLDPM DD002	TU-D0-A1-E1E13=Y2B07	-LOAD MSG DSP PLA	D07	B07	
$DDLDFUNP DD002	TU-D0-A1-F1D13=Y2B11	+FUN REG LD	D11	B11	
$DDMDCLKP DD002	TU-D0-A1-G1A13=Y2B13	+SLO GATE FOR MSG DSP	D13	B13	
$DDXRDATR DD002	TU-D0-A1-F1C13=Y2B10	-XREG DATA BUS REPOWERED	D10	(P) B10	TU-D0-DSP-J1
			[2] (0)	D05	
			(1)	D06	
			(2)	B09	
			(3)	B12	
			(4)	D09	
			(5)	D10	
			(6)	D12	
			(7)	D13	

[1]

MESSAGE DISPLAY CARD

(IN DISPLAY UNIT ON TOP OF DRIVE)

CABLE BRACKET - TOP REAR OF FRAME

YF100	TU-D0-PS-P7-1	TU-D0-RP-J11-1	TU-D0-RPP11-1 +5 V MSG DISP DRO	1
YF100	TU-D0-PS-P7-2	TU-D0-RP-J11-2	TU-D0-RPP11-2 +8.5 V MSG DISP	2
YF100	TU-D0-PS-P7-3	TU-D0-RP-J11-3	TU-D0-RPP11-3 -5 V MSG DISP	3
YF100	TU-D0-PS-P7-4	TU-D0-RP-J11-4	TU-D0-RPP11-4 -5 V DC COM MSG DISP	4

TU-D0-DSP-J3

TU-D0-DSP-J2-4

TU-D0-DSP-J2: 3, 5, 1

TU-D0-DSP-J1

TU-D0-DSP-J1:

D03	B03 TU-D0-A1-E1A11	-REWIND SWITCH	$SWITCHM3 DD002
D04	B04 TU-D0-A1-E1B11	-UNLOAD SWITCH	$SWITCHM1 DD002
D08	B08 TU-D0-A1-F1A11	GND	ZZ200
D06	B06 TU-D0-A1-E1D13	-DEVICE READY SWITCH	$SWITCHMO DD002
B08	D08 TU-D0-A1-F1A13	+MSG DISP BUS PARITY ERROR	$MDERRORP DD002

SWITCH CARD (MOUNTED ON MESSAGE DISPLAY CARD) [3]

TU-D0-DSP-J4-4 COMMON

TU-D0-DSP-J4-3 - REWIND SWITCH

TU-D0-DSP-J4-5 - READY SWITCH

TU-D0-DSP-J4-1 - UNLOAD SWITCH

NOTES

[1] (P)A1-F1C13=Y2B10 (0)A1-E1C11=Y2D05 (1)A1-E1D11=Y2D06 (2)A1-F1B13=Y2B09 (3)A1-F1E13=Y2B07
(4)A1-F1B11=Y2D09 (5)A1-F1C11=Y2D05 (6)A1-F1E11=Y2D12 (7)A1-G1A11=Y2D13

[2] TU-D0-P1-DSP-P1
(P)D10=B10 (0)B05=D05 (1)B06=D06 (2)D09=B09 (3)D12=B12 (4)B09=D09 (5)B10=D10 (6)B12=D12 (7)B13=D13

[5] SWITCHES ARE N/O AND APPLY GROUND WHEN DEPRESSED.

TITLE	MESSAGE DISPLAY DRIVE 0
DESIGNER	LDP
CHECKED	
APPROVED	
CLASS	JG
DATE	22JUL85
EC NO.	A21676A
DATE	11JUN86
PART NO.	6272581
SHEET	OF
DEVELOPMENT NO.	
LOGIC PG NO.	WD000

SI A1 metric

MUST CONFORM TO ENG. SPEC.

MASTER

PART NO. 6272581

DEVELOPMENT NO.

E1 11JUN86 DR

PART NO. 6272583

$DDSLED00 DD000	TU-D1-A1-D1E11=Y2D02	-DRIVE SELECT INDICATOR
$DDMDRSTP DD002	TU-D1-A1-E1E11=Y2D07	+DISPLAY RESET
$DDMDLODM DD002	TU-D1-A1-F1D11=Y2D11	-MESSAGE DISPLAY LOAD CMD
$CAPORSTP PA001	TU-D1-A1-E1A13=Y2B03	+POWER ON RESET
$DDMSCLKM DD002	TU-D1-A1-E1B13=Y2B04	-MS CLOCK FOR MSG DSP
$DDLITERP DD002	TU-D1-A1-E1C13=Y2B05	+DISPLAY LAMP TEST
$DDMDLDPM DD002	TU-D1-A1-E1E13=Y2B07	-LOAD MSG DSP PLA
$DDLDFUNP DD002	TU-D1-A1-F1D13=Y2B11	+FUN REG LD
$DDMDCLKP DD002	TU-D1-A1-G1A13=Y2B13	+SLO GATE FOR MSG DSP
$DDXRDATA DD002	TU-D1-A1-F1C13=Y2B10	-XREG. DATA BUS REPOWERED D10

TU-D1-P1-DSP-P1

B02	D02
R07	D07
B11	D11
D03	B03
D04	B04
D05	B05
D07	B07
D11	B11
D13	B13
(P)	B10
(0)	D05
(1)	D06
(2)	B09
(3)	B12
(4)	D09
(5)	D10
(6)	D12
(7)	D13

MESSAGE DISPLAY CARD

(IN DISPLAY UNIT ON TOP OF DRIVE)

TU-D1-DSP-J1

TU-D1-DSP-J1

B03	TU-D1-A1-E1A11	-REWIND SWITCH	$SWITCHM3 DD002
B04	TU-D1-A1 E1B11	-UNLOAD SWITCH	$SWITCHM1 DD002
B08	TU-D1-A1-F1A11	GND	ZZ200
D06	TU-D1-A1-E1D13	-DEVICE READY SWITCH	$SWITCHMO DD002
D08	TU-D1-A1-F1A13	+MSG DISP BUS PARITY ERROR	$MDERRORP DD002

CABLE BRACKET - TOP REAR OF FRAME

YF100	TU-D1-PS-P3-1	TU-D1-RP-J10-5	TU-D1-RP-P11-5 +5 V MSG DISP DR1
YF100	TU-D1-PS-P3-2	TU-D1-RP-J10-6	TU-D1-RP-P11-6 +8.5 V MSG DISP
YF100	TU-D1-PS-P3-3	TU-D1-RP-J10-7	TU-D1-RP-P11-7 -5 V MSG DISP
YF100	TU-D1-PS-P3-4	TU-D1-RP-J10-8	TU-D0-RP-P11-8 -5 V DC COM MSG DISP

1	TU-D1-DSP-J3
2	
3	
4	

TU-D1-DSP-J2-4

TU-D1-DSP-J4-4 COMMON

SWITCH CARD (MOUNTED ON MESSAGE DISPLAY CARD) [3]

3	TU-D1-DSP-J2
5	
1	

TU-D1-DSP-J4-3 - REWIND SWITCH

TU-D1-DSP-J4-5 - READY SWITCH

TU-D1-DSP-J4-1 - UNLOAD SWITCH

NOTES

[1] (P)A1-F1C13=Y2B10 (0)A1-E1C11=Y2D05 (1)A1-E1D11=Y2D06 (2)A1-F1B13=Y2B09 (3)A1-F1E13=Y2B07
(4)A1-F1B11=Y2D09 (5)A1-F1C11=Y2D05 (6)A1-F1E11=Y2D12 (7)A1-G1A11=Y2D13

[2] TU-D1-P1-DSP-P1
(P)D10=B10 (0)B05=D05 (1)B06=D06 (2)D09=B09 (3)D12=B12 (4)B09=D09 (5)B10=D10 (6)B12=D12 (7)B13=D13

[3] SWITCHES ARE N/O AND APPLY GROUND WHEN DEPRESSED.

TITLE	DRIVE 1 MESSAGE DISPLAY
DESIGNER	LDP 22JUL85
CHECKED	
APPROVED	
CLASS	JG 22JUL85

EC NO. A21676A DATE 11JUN86

SI A1 mdle

MUST CONFORM TO ENG. SPEC.

LOGIC FIG NO. WD001

PART NO. 6272583 SHEET OF

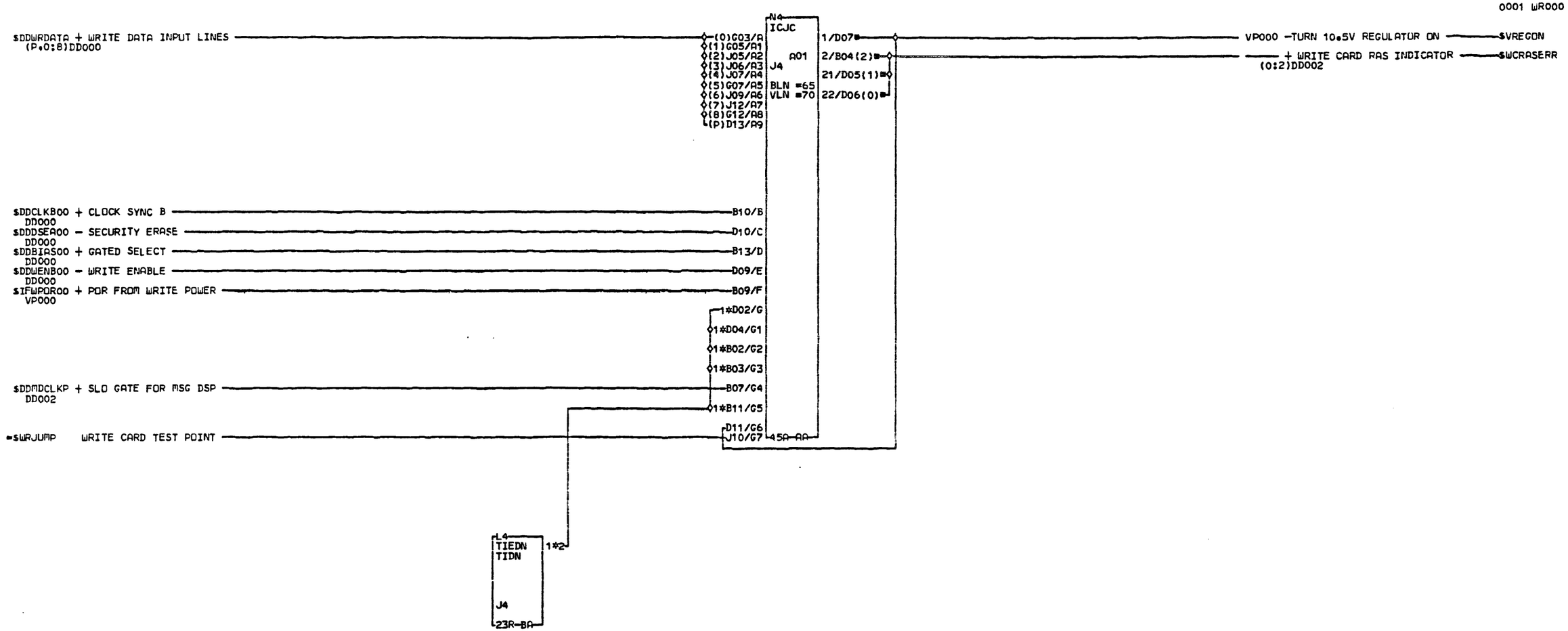
DEVELOPMENT NO. A

PART NO. 6272583

DEVELOPMENT NO.

MASTER

E1 11JUN86 DR



CONTENTS	PINS	CONNECTORS
A1GND: D08,G08,G09,G10	AA	BA1
2GND: G13,J08,J11,J13	G0	0001$2A-A1/J4D08
3+5V: D03,J03	.VGND	.PV.V0
4-5V: B06,G06	G1	
5+8.5V: G11	.VGND	
6+10.5V: B12,D12,G02,G04	G2	
7+10.5V: J02,J04	.VGND	
	G3	
	.VGND	
	G5	
	.VGND	

WR000 0001

WRITE CARD

PN=6178224.EC=A29052

LOC=2A-A1J4

USN 00001 PRI=09DEC86 0930

PLC= SEC

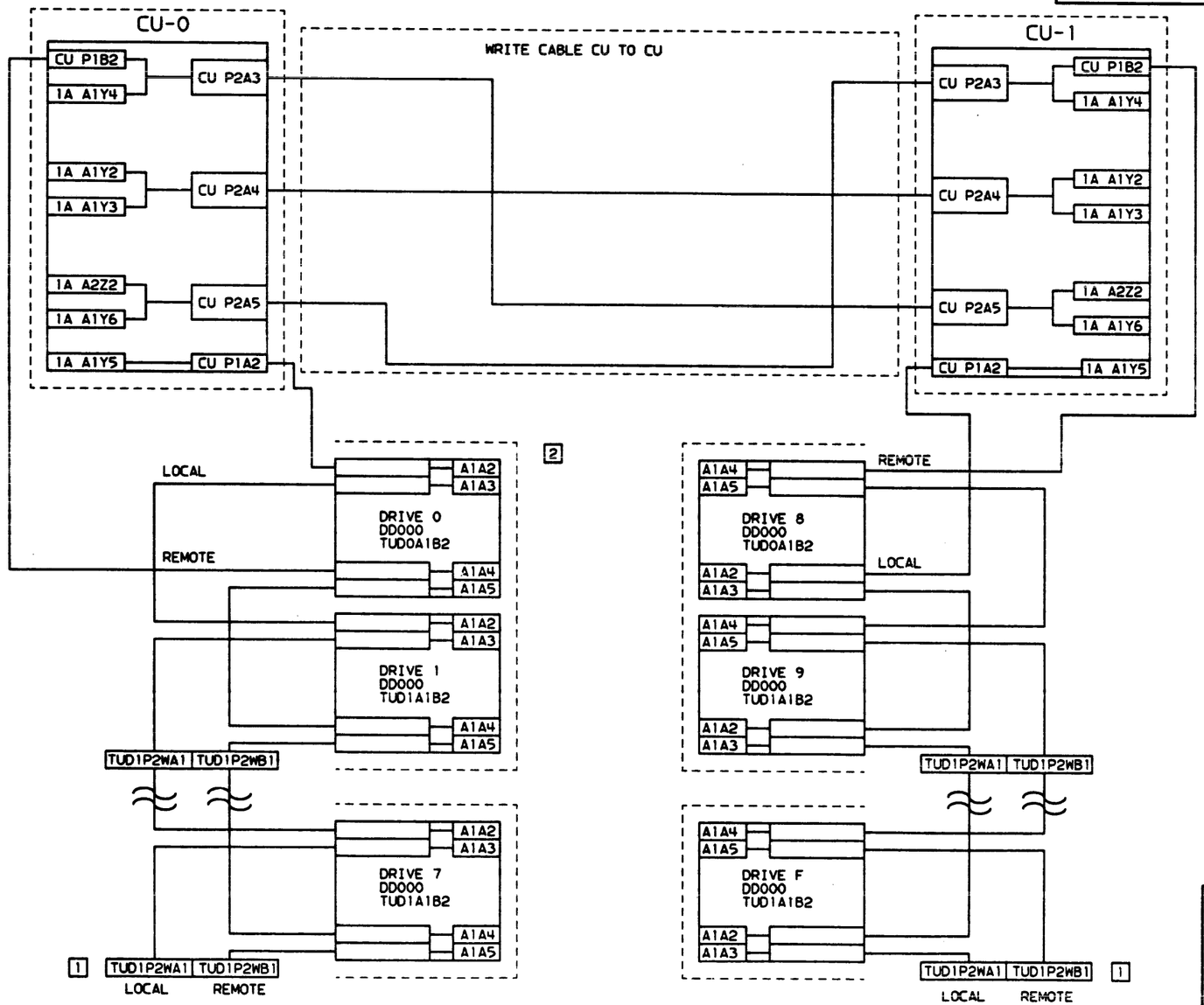
PFORM=KSMB NEXTBLK WX

MACH=3480

CID DCF0 JOB D852308B

WR000 0001

PART NO.
6390319



NOTES

1. TERMINATOR PN 8576373 IN LAST DRIVE OF STRING.
2. FOR CONNECTION FROM SLT CONNECTOR TO CARD LOGIC SEE FIELD WIRE NET LIST.
3. FOR CONTROL UNIT/DRIVE UNIT INTERCONNECTION DETAILS REFER ALSO TO CU LOGIC VOLUME(S) PAGES.

WRITE CABLE CONNECTIONS

CU TO CU AND CU TO TU [3]

IBM

TITLE	WRITE CABLE CONN.
	CU TO CU AND CU TO TU
DESIGNER	JT.J
CHECKED	AHR
APPROVED	AHR
CLASS	DMO

	DATE	EC NO.
	7MAR84	A06052
	3JUN85	A06069
	4DEC86	A29052
	8NOV82	
	8NOV82	
	4OCT82	
	8FEB84	

RED

MUST CONFORM TO ENG. SPEC.

SIA1 matrix

LOGIC PG NO. WM010

DEVELOPMENT NO.

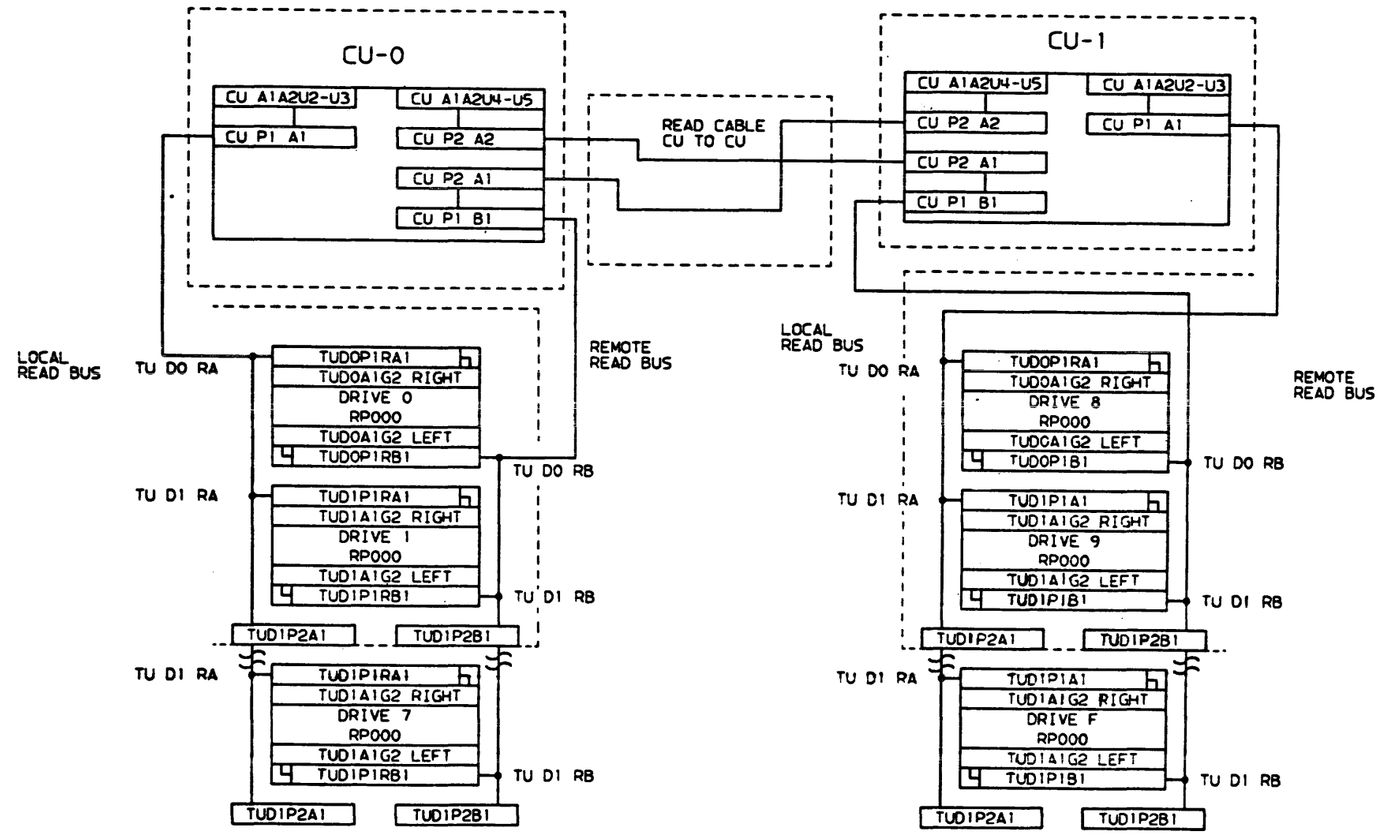
PART NO. 6390319 SHEET OF

P1 SPEC86 DRJ 2

PART NO. 6390319

DEVELOPMENT NO.

PART NO.
6390320



READ BUS CONNECTIONS
CU TO CU AND CU TO TU

NOTES

1 FOR CONTROL UNIT/DRIVE UNIT INTERCONNECTION DETAILS REFER ALSO TO CU LOGIC VOLUME(S) PAGES.

TITLE	READ BUS CONN.		
	CU TO CU AND CU TO TU		
		RED	
DESIGNER	JTJ	4OCT82	
CHECKED	AHR	8NOV82	
APPROVED	AHR	8NOV82	
CLASS	DMO	8FEB82	

DATE	EC NO.
7MAR84	A06052
3JUN85	A06069
4DEC86	A29052

IBM
SIA
mdule
MUST CONFORM TO ENG. SPEC.

LOGIC PG NO. WW020

DEVELOPMENT NO.

PART NO. 6390320 SHEET OF

PART NO. 6390320

DEVELOPMENT NO.

MASTER

PART NO. 6390322

DEVELOPMENT NO.

PART NO. 6390322

PNEUMATIC COMPRESSOR 50 Hz (EXCEPT JAPAN)

AC-2 PNEU. YF100 — TU-PS-01-J4-1
AC-1 PNEU. YF100 — TU-PS-01-J4-3
GND PNEU. YF100 — TU-PS-01-J4-2

COMP

LINE 1 / LINE 2
LOAD 1 / LOAD 2
CB1

AC PHASE — TU-PS-01-P11-1 YF 100
AC PHASE OR NEUTRAL — TU-PS-01-P11-3 YF 100
AC GROUND — TU-PS-01-P11-2 YF 100

FRAME GROUND

FROM PREVIOUS TAPE UNIT OR CONTROL UNIT (YF003)

P1-1	AC PHASE 1	AC PHASE 1	J1-2	P1-2
P1-6	AC PHASE 2 OR NEUTRAL	AC PHASE 2 OR NEUTRAL	J1-7	P1-7
P1-2	AC PHASE 2	AC PHASE 2	J1-3	P1-3
P1-7	AC PHASE 3 OR NEUTRAL	AC PHASE 3 OR NEUTRAL	J1-5	P1-5
P1-3	AC PHASE 3	AC PHASE 3	J1-1	P1-1
P1-5	AC PHASE 1 OR NEUTRAL	AC PHASE 1 OR NEUTRAL	J1-6	P1-6
P1-4	AC GROUND	AC GROUND	J1-4	P1-4

TO NEXT TAPE UNIT

FRAME GROUND

NOTES

1 A/C PHASES ARE SHOWN FOR 1ST TAPE UNIT IN STRING. ADDITIONAL TAPE UNIT PHASES WILL ROTATE ACCORDING TO POSITIONS IN J1 CONNECTOR.

WARNING:
LETHAL VOLTAGES
PRESENT WITH POWER OFF

TITLE	PRIMARY POWER DISTRIBUTION - 50 Hz	
DESIGNER	PJS	4OCT82
CHECKED	AHR	8NOV82
APPROVED	AHR	8NOV82
CLASS	DMO	8FEB84

	DATE	EC NO.
	7MAR84	A06052
RED	3JUN85	A06069

SI metric A1

MUST CONFORM TO ENG. SPEC.

PART NO. 6390322 SHEET OF

DEVELOPMENT NO.

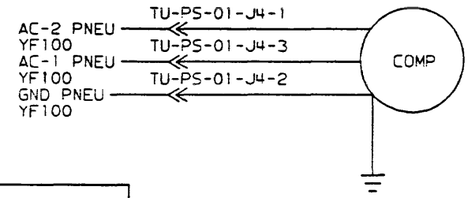
LOGIC PG NO. YF050

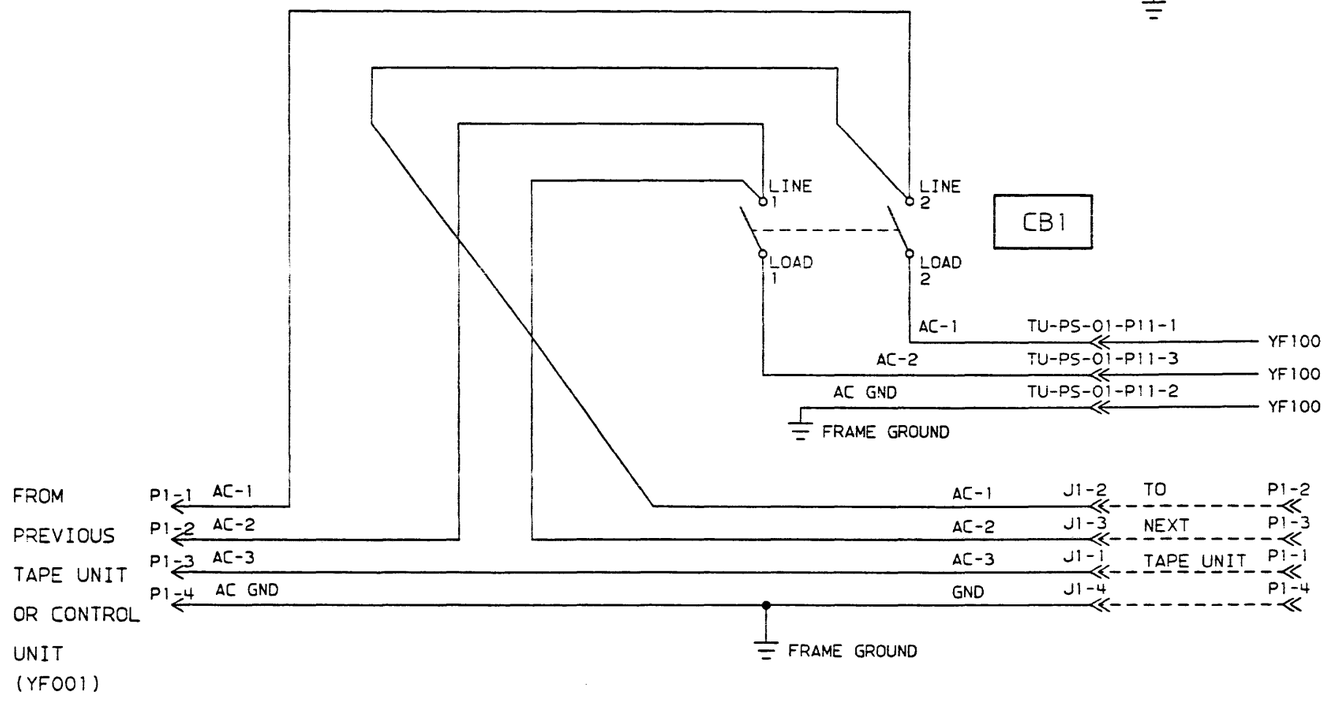
M D A

PART NO.
6390323

PNEUMATIC COMPRESSOR

60 Hz / 50 Hz JAPAN





NOTES

1 A/C PHASES ARE SHOWN FOR 1ST TAPE UNIT IN STRING. ADDITIONAL TAPE UNIT PHASES WILL ROTATE ACCORDING TO POSITIONS IN J1 CONNECTOR.

WARNING:
LETHAL VOLTAGES
PRESENT WITH POWER OFF

TITLE	PRIMARY POWER	
	DISTRIBUTION - 60 Hz	
DESIGNER	PJS	40CT82
CHECKED	AHR	8NOV82
APPROVED	AHR	8NOV82
CLASS	DMO	8FEB84

EC NO.	DATE
	7MAR84
A06052	3JUN85
A06069	

RED

SPERRY UNIVAC
MUST CONFORM TO ENG. SPEC.

LOGIC PG NO.
YF060

DEVELOPMENT NO.

PART NO.
6390323
SHEET OF

PART NO.
6390323

DEVELOPMENT NO.

MARLEE

PART NO.
6390324

TU-PS1

50 Hz

60 Hz

&

50 Hz JAPAN

INPUT VOLTAGE SECTION JUMPER

230/240 VAC { J14-2 ←, J14-1 ←

220 VAC { J13-2 ←, J13-1 ←

200/208 VAC → J12-2 ←, J12-1 ←

INPUT AC FROM CB ON MACH. FRAME (TAPE DR.) (YF050, YF060)

- J11-3 ← AC PHASE 2
- J11-1 ← AC PHASE 1
- J11-2 ← AC GND

ZZ120 -PICK J1-11 >

WARNING

LETHAL VOLTAGES

WITH POWER OFF

CONTINUED

- →J1-1 +24 V DRIVE 1 ZZ120
- →J1-2 +15 V DRIVE 1 ZZ120
- →J1-3 -15 V DRIVE 1 ZZ120
- →J1-4 +8.5 V DRIVE 1 ZZ110
- →J1-5 +15 V SPECIAL DRIVE 1 ZZ120
- →J1-6 -5 V DRIVE 1 ZZ110
- →J1-7 +24 V RETURN DRIVE 1 ZZ120
- →J1-8 +15 V RETURN DRIVE ZZ120
- →J1-10 +8.5 V RETURN DRIVE 1 ZZ110
- →J1-12 -5 V RETURN DRIVE 1 ZZ110

- →J2-1
- →J2-2
- →J2-3 } +5 V DRIVE 1 ZZ110,ZZ120
- →J2-4
- →J2-5
- →J2-6 +5 V CNTLD DRIVE 1 ZZ120
- →J2-7
- →J2-8
- →J2-9 } +5 V RETURN DRIVE 1 ZZ110
- →J2-10
- →J2-11

- →J3-1 +5 V MESSAGE DISP. DR 1 WD001
- →J3-2 -8.5 V MSG. DISP. YD110
- →J3-3 -5 V MESSAGE DISP. WD001
- →J3-4 GND WD001

- →J4-1 ← AC-2 PNEUM YF050/YF060
- →J4-2 ← GND PNEUM YF050/YF060
- →J4-3 ← AC-1 PNEUM YF050/YF060

- →J5-1 +24 V DRIVE 0 ZZ020
- →J5-2 +15 V DRIVE 0 ZZ020
- →J5-3 -15 V DRIVE 0 ZZ020
- →J5-4 +8.5 V DRIVE 0 ZZ010
- →J5-5 +15 V SPECIAL DRIVE 0 ZZ020
- →J5-6 -5 V DRIVE 0 ZZ010
- →J5-7 +24 V RETURN DRIVE 0 ZZ020
- →J5-8 +15 V RETURN DRIVE 0 ZZ020
- →J5-10 +8.5 V RETURN DRIVE 0 ZZ010
- →J5-11 -PICK ZZ020
- →J5-12 -5 V RETURN DRIVE 0 ZZ010

- →J6-1
- →J6-2
- →J6-3 } +5 V DRIVE 0 ZZ010,ZZ020
- →J6-4
- →J6-5
- →J6-6 +5 V CNTLD DRIVE 0 ZZ020
- →J6-7
- →J6-8
- →J6-9 } +5 V RETURN DRIVE 0 ZZ010
- →J6-10
- →J6-11

TU-PS1 CONTINUED

- F7 → +8.5 V D0
- F8 → +8.5 V D1
- F13 → +5 V
- F12 → +5 V CONTROL
- CB2 → +5 V D1
- F11 → +5 V CONTROL
- CB2 → -5 V D1
- F9 → -5 V D0
- F10 → -5 V DR1
- F3 → +15 V D0
- F4 → +15 V D1
- F5 → -15 V D0
- F6 → -15 V D1
- F1 → +24 V D0
- F2 → +24 V D1

- →J7-1 +5 V MESSAGE DISP. DR 0 WD000
- →J7-2 +8.5 V MESSAGE DISPLAY WD000
- →J7-3 -5 V MESSAGE DISP. WD000
- →J7-4 GND WD000

- ←J8-1 TP +24 V
- ←J8-3 TP +15 V
- ←J8-4 TP +8.5 V
- ←J8-5 TP +5 V
- ←J8-6 TP +5 V
- ←J8-7 TP -5 V
- ←J8-8 TP -15 V
- ←J8-10 +24 V RETURN
- ←J8-11 TP +15 V RETURN
- ←J8-12 TP +8.5 V RETURN
- ←J8-13 TP +5 V RETURN
- ←J8-14 TP -5 V RETURN
- ←J8-15 TP -15 V RETURN

- ←J9-1 TP +24 V
- ←J9-3 TP +15 V
- ←J9-4 TP +8.5 V
- ←J9-5 TP +5 V
- ←J9-6 TP +5 V
- ←J9-7 TP -5 V
- ←J9-8 TP -15 V
- ←J9-10 +24 V RETURN
- ←J9-11 TP +15 V RETURN
- ←J9-12 TP +8.5 V RETURN
- ←J9-13 TP +5 V RETURN
- ←J9-14 TP -5 V RETURN
- ←J9-15 TP -15 V RETURN

- ←J15-1 ← AC-2 TU BLOWER
- ←J15-2 ← GND - BLOWER
- ←J15-3 ← AC-1 TU BLOWER

} YG110

TITLE	POWER SUPPLY	
	50/60 Hz - T.U.	
DESIGNER	JTJ	4OCT82
CHECKED	AHR	8NOV82
APPROVED	AHR	8NOV82
CLASS	DMO	8FEB84

DATE	EC NO.
7MAR84	A06052
3JUN85	A06069

SI A1

metric

MUST CONFORM TO ENG. SPEC.

LOGIC FIG NO. YF100

DEVELOPMENT NO.

PART NO. 6390324 SHEET OF

PART NO. 6390324

DEVELOPMENT NO.

MACHINES

PART NO. 6390325

MOTORS & SOLENOIDS

TU-DO-PA-J5-1 PA000/001 ← -THREAD MOTOR FORWARD (BLACK) → 2 THREAD

TU-DO-PA-J5-2 PA000/001 ← -THREAD MOTOR BACKWARD (WHITE) → 1 THREAD

(1)

RED DOT ON MOTOR ASM

TU-DO-PA-J6-1 PA000/001 ← +FILE MOTOR DRIVE (WHITE) → FILE REEL

TU-DO-PA-J6-2 PA000/001 ← -FILE MOTOR DRIVE (BLACK) → FILE REEL

TU-DO-PA-J7-1 PA000/001 ← +MACHINE REEL DRIVE (BLACK) → MACH REEL

TU-DO-PA-J7-2 PA000/001 ← -MACHINE REEL DRIVE (WHITE) → MACH REEL

RED DOT ON MOTOR ASM

TU-DO-PA-J4-1 PA000/001 ← +CARTRIDGE LATCHED → J/P5-1 → CARTRIDGE LATCHED SOLENOID

TU-DO-PA-J4-2 PA000/001 ← -CARTRIDGE LATCHED → J/P5-3 → CARTRIDGE LATCHED SOLENOID

J/P5-3 → AL-DO-CC-J2-3 AL001

(2)

J/P5-4 NO CONNECTION → AL-DO-CC-J2-4 AL001

TU-DO-PA-J11-1 PA000/001 ← +TAPE LIFTER → TU-DO-DK-J12-1 → TAPE LIFTER SOLENOID

TU-DO-PA-J11-2 PA000/001 ← -TAPE LIFTER → TU-DO-DK-J12-2 → TAPE LIFTER SOLENOID

NOTES

(1) NUMBERS ON MOTOR LABEL.

(2) CONNECTION WHEN AUTO LOADER IS MOUNTED ON DRIVE.

TITLE	MOTOR AND SOLENOIDS-DRIVE 0
DESIGNER	PJS 40CT82
CHECKED	AHR 8NOV82
APPROVED	AHR 8NOV82
CLASS	DMO 8FEB84

EC NO.	DATE
A06052	7MAR84
A06069	3JUN85
A29455	12MAY86
A29492	19JAN87

RED

MUST CONFORM TO ENG. SPEC.

SIA1

LOGIC PG NO. YG010

DEVELOPMENT NO.

PART NO. 6390325 SHEET OF

DEVELOPMENT NO.

PART NO. 6390325

P22 30JAN87 CD1

PART NO. 6390326

MOTORS & SOLENOIDS

TU-PS-01-J15-1 YF100 — AC-2 TU BLOWER
TU-PS-01-J15-3 YF100 — AC-1 TU BLOWER
TU-PS-01-J15-2 YF100 — GND BLOWER

BLOWER

GREEN/YELLOW WIRE GROUND TO FRAME

TU-D1-PA-J5-1 PA000/001 — -THREAD MOTOR FORWARD (BLACK) — 2
TU-D1-PA-J5-2 PA000/001 — -THREAD MOTOR BACKWARD (WHITE) — 1

THREAD (1)

RED DOT ON MOTOR ASM

TU-D1-PA-J6-1 PA000/001 — +FILE MOTOR DRIVE (WHITE)
TU-D1-PA-J6-2 PA000/001 — -FILE MOTOR DRIVE (BLACK)

FILE REEL

TU-D1-PA-J7-1 PA000/001 — +MACHINE REEL DRIVE (BLACK)
TU-D1-PA-J7-2 PA000/001 — -MACHINE REEL DRIVE (WHITE)

MACH REEL

RED DOT ON MOTOR ASM

TU-D0-PA-J4-1 PA000/001 — +CARTRIDGE LATCHED — J/P5-1
TU-D0-PA-J4-2 PA000/001 — -CARTRIDGE LATCHED — J/P5-3

CARTRIDGE LATCHED SOLENOID

AL-D0-CC-J2-3 AL001 (2)

J/P5-4 NO CONNECTION — AL-D0-CC-J2-4 AL001

TU-D1-PA-J11-1 PA000/001 — +TAPE LIFTER — TU-D1-DK-J12-1
TU-D1-PA-J11-2 PA000/001 — -TAPE LIFTER — TU-D1-DK-J12-2

TAPE LIFTER SOLENOID

NOTES

(1) NUMBERS ON MOTOR LABEL.

(2) CONNECTION WHEN AUTO LOADER IS MOUNTED ON DRIVE.

TITLE	MOTOR AND SOLENOIDS-DRIVE 1		
DESIGNER	PJS	4OCT82	
CHECKED	AHR	8NOV82	
APPROVED	AHR	8NOV82	
CLASS	DMO	8FEB84	
		RED	

DATE	EC NO.
7MAR84	A06052
3JUN85	A06069
12MAY86	A29455
19JAN87	A29492

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MUST CONFORM TO ENG. SPEC.

SI A1 metric

LOGIC PG NO. YG110

DEVELOPMENT NO. A

PART NO. 6390326 SHEET OF

P2 30JAN87 CDI

PART NO. 6390326

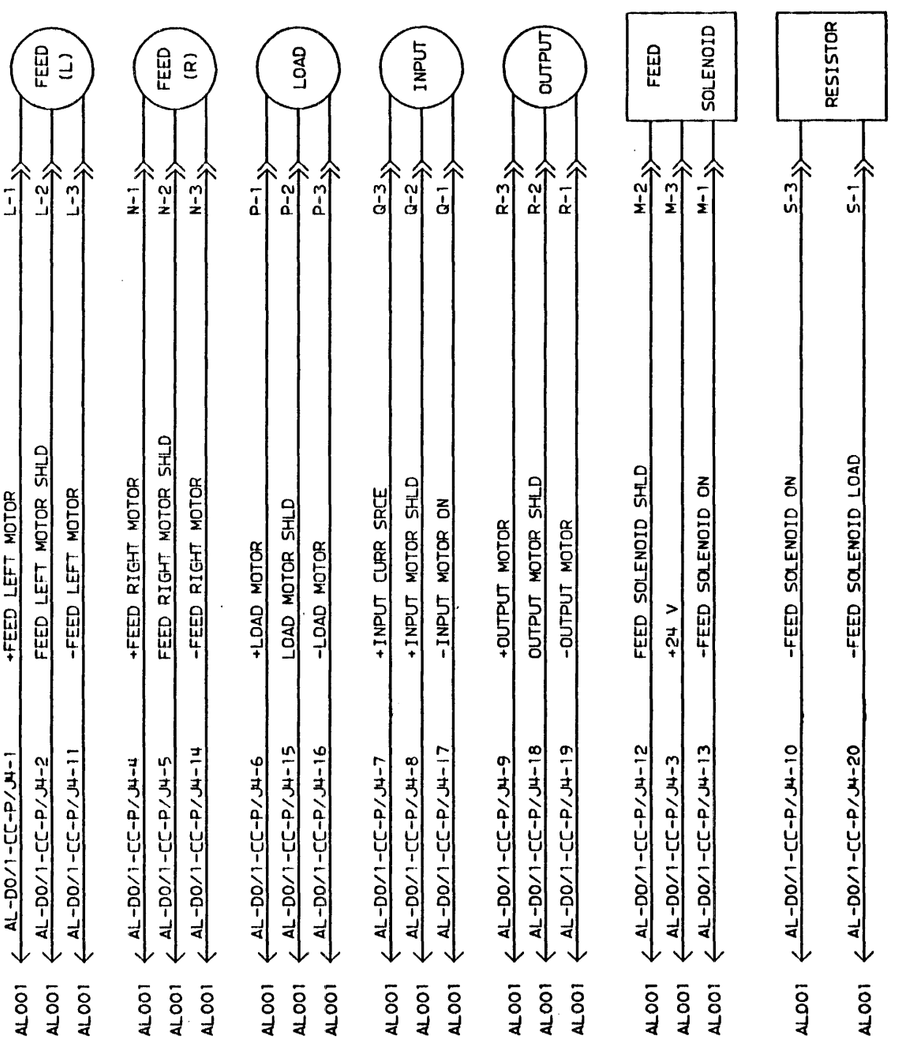
DEVELOPMENT NO.

PART NO. 6273203

PART NO. 6273203

DEVELOPMENT NO.

LOADER MOTORS AND SOLENOIDS



TITLE	LOADER MOTORS AND SOLENOIDS - AUTO CRTRDG LDR	
DESIGNER	BT	12MAY86
CHECKED		
APPROVED		
CLASS	BT	12MAY86

	DATE	EC NO.
	12MAY86	A29455

SI metric A1

MUST CONFORM TO ENG. SPEC.

PART NO. 6273203 SHEET 1 OF 1

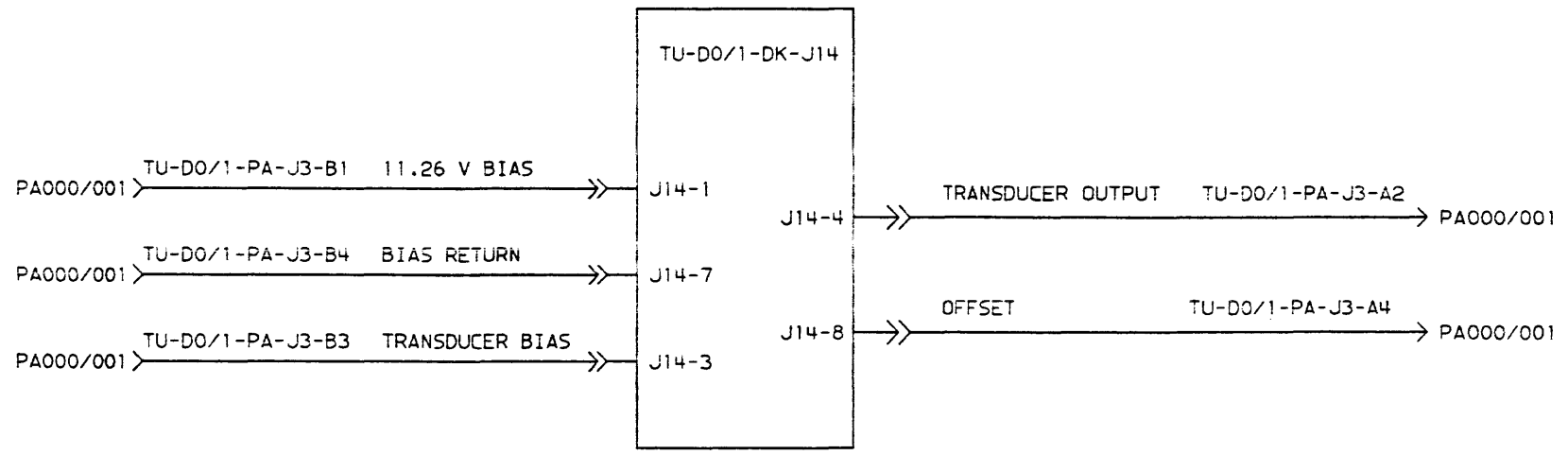
DEVELOPMENT NO.

LOGIC PG NO. YG120

V2 13MAY86 LDI

PART NO.
6390327

TENSION TRANSDUCER ASM



TITLE	TENSION TRANSDUCER		
DESIGNER	PJS	4OCT82	
CHECKED	AJR	8NOV82	
APPROVED	AHR	8NOV82	
CLASS	DMO	8FEB84	

EC NO.	DATE
A06052	7MAR84
A06069	3JUN85

SIZE A1

MUST CONFORM TO ENG. SPEC.

PART NO. 6390327 SHEET OF

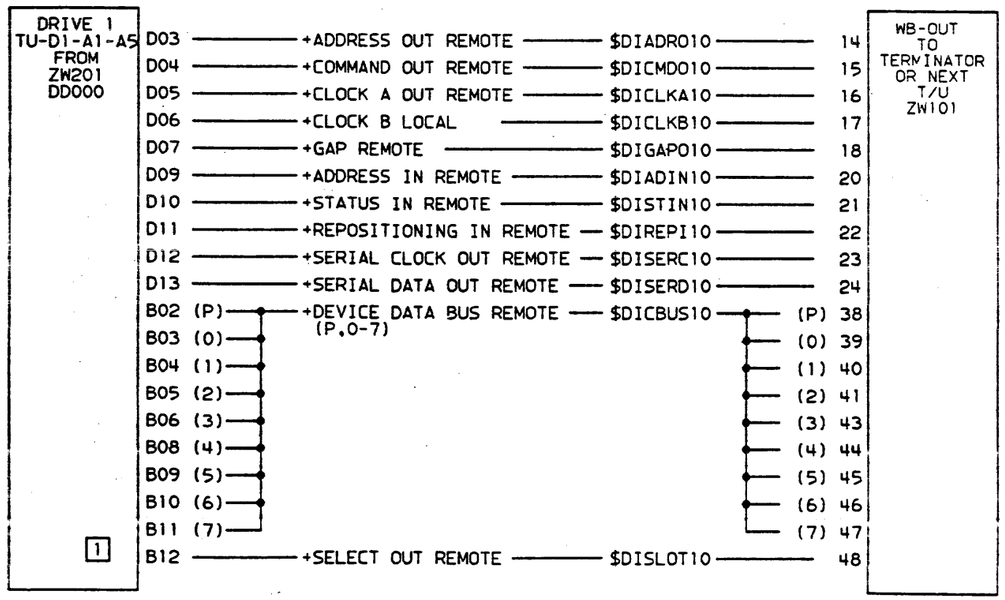
DEVELOPMENT NO.

DRAFT PG NO. ZT030

PART NO. 6390327

DEVELOPMENT NO.

PART NO.
6390332



NOTES

1. FOR CONNECTION FROM SLT CONNECTOR TO CARD LOGIC SEE FIELD WIRE NET LIST.
   SIGNAL '+ CLOCK A OUT LOCAL' HAS A DUAL FUNCTION AS DEVIVE DATA BIT 8.
   PINS D02, D08, B07 & B13 ARE GROUND.

TITLE	WRITE BUS REMOTE		
DESIGNER	JTJ	4OCT82	
CHECKED	AHR	8NOV82	
APPROVED	AHR	8NOV82	
CLASS	DMO	8FEB84	

EC NO.	DATE
	RED
A06052	7MAR84
A06069	3JUN85
A29052	4DEC86
A29052A	23JUN87

THIS DOCUMENT IS THE PROPERTY OF [illegible] AND IS AUTHORIZED ONLY FOR RESPONSES TO INVITATIONS FOR NEGOTIATION OR FOR THE PERFORMANCE OF WORK FOR [illegible]. ALL QUESTIONS RELATING TO THE [illegible] PURCHASING DEPARTMENT.

MUST CONFORM TO ENG. SPEC.

SI A1 metric

PART NO. 6390332 SHEET OF

DEVELOPMENT NO.

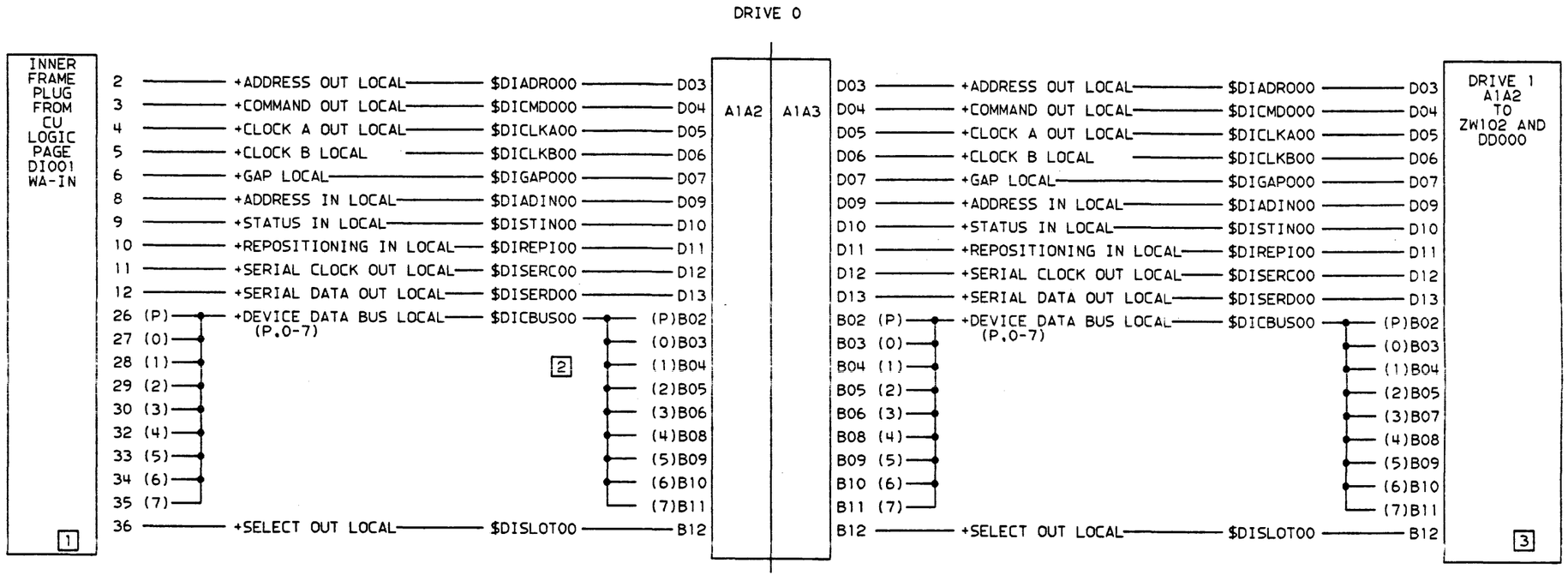
LOGIC PG NO. ZW202

PART NO.	6390332
DEVELOPMENT NO.	

MASTER

11 10 9 8 7 6 5 4 3 2 1

PART NO.
6390328



NOTE

1 FROM CONTROL UNIT OR PRECEEDING DRIVE ZW102.

2 FOR CONNECTION FROM SLT CONNECTOR TO LOGIC SEE FIELD WIRE NET LIST.
SIGNAL '+ CLOCK A OUT LOCAL' HAS A DUAL FUNCTION AS DEVICE DATA BIT 8.
PINS D02, D08, B07 & B13 ARE GROUND.

THIS DOCUMENT IS THE PROPERTY OF IBM. ITS USE IS AUTHORIZED ONLY FOR RESPONDING TO A REQUEST FOR QUOTATION OR WORK FOR IBM. ALL QUESTIONS MUST BE REFERRED TO THE IBM PURCHASING DEPARTMENT.

	TITLE	WRITE BUS LOCAL		
	DESIGNER	JTJ	40CT82	
	CHECKED	AHR	8NOV82	
CLASS	APPROVED	AHR	8NOV82	
		DMO	8FEB84	

	DATE	EC NO.
	7MAR84	A06052
	3JUN85	A06069
RED	23JUN87	A29052A

SIEMENS metric

MUST CONFORM TO ENG. SPEC.

A1

PART NO. 6390328 SHEET OF

DEVELOPMENT NO.

LOGIC PG NO. ZW101

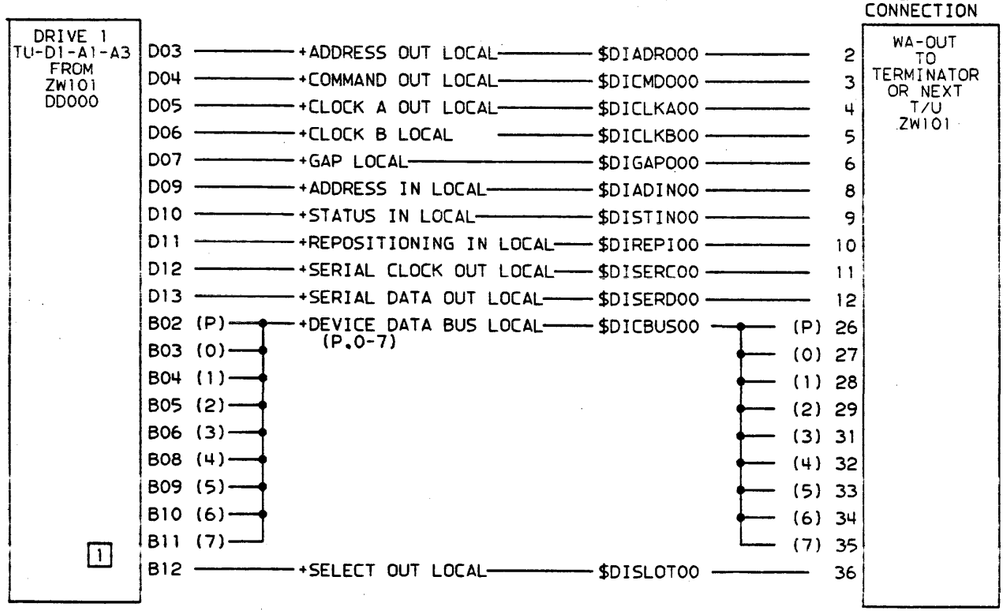
PART NO. 6390328

DEVELOPMENT NO.

SIEMENS-NIXDORF

11 10 9 8 7 6 5 4 3

PART NO.
6390329



NOTES

[1] FOR CONNECTION FROM SLT CONNECTOR TO CARD LOGIC SEE FIELD WIRE NET LIST.
SIGNAL '+ CLOCK A OUT LOCAL' HAS A DUAL FUNCTION AS DEVICE DATA BIT 8.
PINS D02, D08, B07 & B13 ARE GROUND.

TITLE	WRITE BUS LOCAL		
DESIGNER	JTJ	4OCT82	
CHECKED	AHR	8NOV82	
APPROVED	AHR	8NOV82	
CLASS	DMO	8FEB84	

EC NO.	DATE
A06052	7MAR84
A06069	3JUN85
A29052	4DEC86
A29052A	23JUN87

SLA1
mohrle
MUST CONFORM TO ENG. SPEC.

PART NO. 6390329 SHEET OF
DEVELOPMENT NO.
LOGIC PG NO. ZW102

PART NO. 6390329
DEVELOPMENT NO.
MASTER

PART NO.
6390331

DRIVE 0

INNER FRAME PLUG FROM CU LOGIC PAGE DI001 WB-IN

14	+ADDRESS OUT REMOTE	$DIADRO10	D03
15	+COMMAND OUT REMOTE	$DICMDO10	D04
16	+CLOCK A OUT LOCAL	$DICLKA10	D05
17	+CLOCK B REMOTE	$DICLKB10	D06
18	+GAP REMOTE	$DIGAPO10	D07
20	+ADDRESS IN REMOTE	$DIADIN10	D09
21	+STATUS IN REMOTE	$DISTIN10	D10
22	+REPOSITIONING IN REMOTE	$DIREPI10	D11
23	+SERIAL CLOCK OUT REMOTE	$DISERC10	D12
24	+SERIAL DATA OUT REMOTE	$DISERD10	D13
38 (P)	+DEVICE DATA BUS REMOTE (P,0-7)	$DICBUS10	(P)B02
39 (0)			(0)B03
40 (1)			(1)B04
41 (2)			(2)B05
42 (3)			(3)B06
44 (4)			(4)B08
45 (5)			(5)B09
46 (6)			(6)B10
47 (7)			(7)B11
48	+SELECT OUT REMOTE	$DISLOT10	B12

[1]

[2]

A1A4 A1A5

D03	+ADDRESS OUT REMOTE	$DIADRO10	D03
D04	+COMMAND OUT REMOTE	$DICMDO10	D04
D05	+CLOCK A OUT REMOTE	$DICLKA10	D05
D06	+CLOCK B REMOTE	$DICLKB10	D06
D07	+GAP REMOTE	$DIGAPO10	D07
D09	+ADDRESS IN REMOTE	$DIADIN10	D09
D10	+STATUS IN REMOTE	$DISTIN10	D10
D11	+REPOSITIONING IN REMOTE	$DIREPI10	D11
D12	+SERIAL CLOCK OUT REMOTE	$DISERC10	D12
D13	+SERIAL DATA OUT REMOTE	$DISERD10	D13
B02 (P)	+DEVICE DATA BUS REMOTE (P,0-7)	$DICBUS10	(P)B02
B03 (0)			(0)B03
B04 (1)			(1)B04
B05 (2)			(2)B05
B06 (3)			(3)B07
B08 (4)			(4)B08
B09 (5)			(5)B09
B10 (6)			(6)B10
B11 (7)			(7)B11
B12	+SELECT OUT REMOTE	$DISLOT10	B12

DRIVE 1
A1A4
TO ZW202
DD000

[2]

NOTE

[1] FROM CONTROL UNIT OR PRECEEDING DRIVE ZW202.

[2] FOR CONNECTION FROM SLT CONNECTOR TO CARD LOGIC SEE FIELD WIRE NET LIST.
SIGNAL '+CLOCK A OUT LOCAL' HAS A DUAL FUNCTION AS DEVICE DATA BIT 8.
PINS D02, D08, B07 & B13 ARE GROUND.

TITLE	WRITE BUS REMOTE		
DESIGNER	JTJ	4OCT82	
CHECKED	AHR	8NOV82	
APPROVED	AHR	8NOV82	
CLASS	DMO	8NOV82	

	RED	
7MAR84	A06052	
3JUN85	A06069	
23JUN87	A29052A	

DATE / EC NO.

SI metric A1

MUST CONFORM TO ENG. SPEC.

PART NO. 6390331 SHEET OF

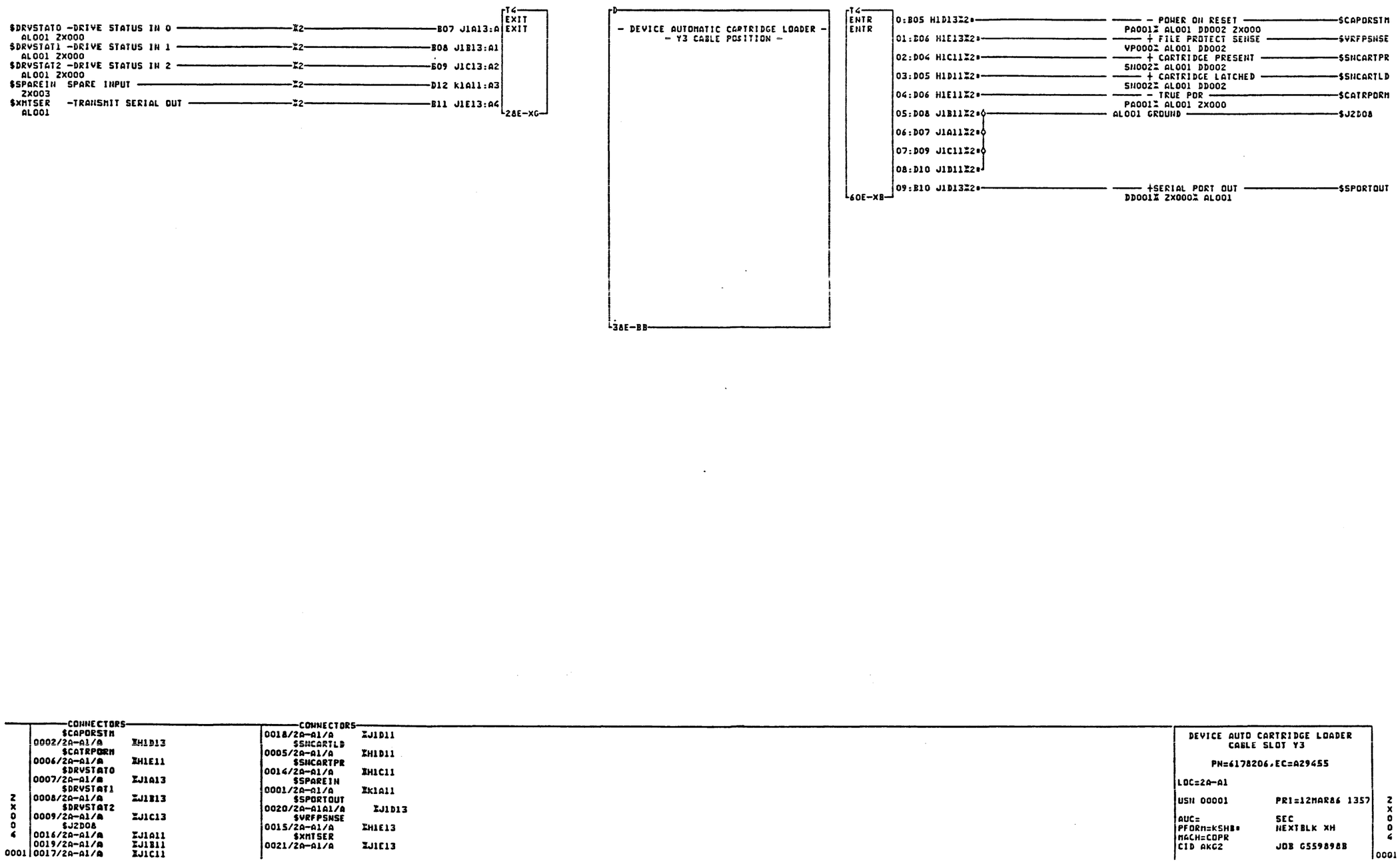
DEVELOPMENT NO.

LOGIC PG NO. ZW201

PART NO. 6390331

DEVELOPMENT NO.

MASTER



CONNECTORS

	$CAPORSTM	
	0002/2A-A1/A	XH1D13
	$CATRPORM	
	0006/2A-A1/A	XH1E11
	$DRVSTAT0	
	0007/2A-A1/A	XJ1A13
	$DRVSTAT1	
Z	0008/2A-A1/A	XJ1B13
X	$DRVSTAT2	
0	0009/2A-A1/A	XJ1C13
0	$J2D08	
4	0016/2A-A1/A	XJ1A11
	0019/2A-A1/A	XJ1B11
0001	0017/2A-A1/A	XJ1C11

CONNECTORS

0018/2A-A1/A	XJ1D11
$SNCARTLD	
0005/2A-A1/A	XH1D11
$SNCARTPR	
0014/2A-A1/A	XH1C11
$SPAREIN	
0001/2A-A1/A	XK1A11
$SPORTOUT	
0020/2A-A1A1/A	XJ1D13
$VRFPSNSE	
0015/2A-A1/A	XH1E13
$XMTSER	
0021/2A-A1/A	XJ1E13

DEVICE AUTO CARTRIDGE LOADER
CABLE SLOT Y3

PN=6178206,EC=A29455

LOC=2A-A1

USN 00001 PR1=12MAR86 1357

AUC= SEC

PFORM=KSHB* NEXTBLK XH

MACH=COPR

CID AKG2 JOB G5598988

Z X 0 0 4 0001

TITLE	DRIVE 0
	DC VOLTAGE DISTRIBUTION
DESIGNER	JTJ 4OCT82
CHECKED	AHR 8NOV82
APPROVED	AHR 8NOV82
CLASS	DMO 8FEB84

EC NO.	DATE
A06052	7MAR84
A06069	3JUN85
A29052	4DEC86

SIA1 metric

MUST CONFORM TO ENG. SPEC.

PART NO. 6390334 SHEET OF

DEVELOPMENT NO.

LOGIC PG NO. ZZ010

P1 5DEC86 (RK)

MDA

PART NO. 6390334

DEVELOPMENT NO.

DRIVE 0

YF100	TU-PS-01-P5-4	+8.5 V	TU-D0-P1-P2-4	A1-B3A14 ZZ200
YF100	TU-PS-01-P5-6	-5 V	TU-D0-P1-P2-6	A1-J4E01 ZZ200
YF100	TU-PS-01-P5-10	+8.5 V RTN	TU-D0-P1-P2-10	A1-B3E14 ZZ200
YF100	TU-PS-01-P5-12	-5 V RTN	TU-D0-P1-P2-12	A1-J3E14 ZZ200
YF100	TU-PS-01-P6-1	+5 V	TU-D0-P1-P1-1	A1-J5A01 ZZ200
				TU-D0-J9-1 SN001/002
YF100	TU-PS-01-P6-2	+5 V	TU-D0-P1-P1-2	A1-J3A01 ZZ200
YF100	TU-PS-01-P6-4	+5 V	TU-D0-P1-P1-4	A1-B3A01 ZZ200
YF100	TU-PS-01-P6-5	+5 V	TU-D0-P1-P1-5	A1-B5A01 ZZ200
YF100	TU-PS-01-P6-7	+5 V RTN	TU-D0-P1-P1-7	A1-J4E14 ZZ200
				TU-D0-J9-3 SN001/002
YF100	TU-PS-01-P6-8	+5 V RTN	TU-D0-P1-P1-8	A1-J2E14 ZZ200
YF100	TU-PS-01-P6-10	+5 V RTN	TU-D0-P1-P1-10	A1-B2E14 ZZ200
YF100	TU-PS-01-P6-11	+5 V RTN	TU-D0-P1-P1-11	A1-B4E14 ZZ200

PART NO.
6390335

DRIVE 0

YF100	TU-PS-01-P5-1 +24 V	TU-D0-P1-P2-1	TU-D0-PA-J8-3 PA000/001 +24 V
			TU-D0-J6-3 AL-D0-F1 (P/N 338165) 1 2 AL-D0-CC-J3-2 AL001 +24 V
YF100	TU-PS-01-P5-2 +15 V	TU-D0-P1-P2-2	TU-D0-PA-J8-4 PA000/001 +15 V
YF100	TU-PS-01-P5-3 -15 V	TU-D0-P1-P2-3	TU-D0-PA-J8-8 PA000/001 -15 V
YF100	TU-PS-01-P5-7 +24 V RTN	TU-D0-P1-P2-7	TU-D0-PA-J8-6 PA000/001 +24 V RTN
			TU-D0-J6-2 AL-D0-CC-J3-1 AL001 COMMON
			AL-D0-CC-J3-3 AL001 COMMON
YF100	TU-PS-01-P6-9 +5 V RTN	TU-D0-P1-P1-9	TU-D0-PA-J8-2 PA000/001 +5 V RTN
YF100	TU-PS-01-P5-8 +15 V RTN	TU-D0-P1-P2-5	TU-D0-PA-J8-5 PA000/001 +15 V RTN
YF100	TU-PS-01-P6-3 +5 V	TU-D0-P1-P1-3	TU-D0-PA-J8-1 PA000/001 +5 V
			TU-D0-J6-1 AL-D0-F2 (P/N 855251) 4 3 AL-D0-CC-J3-4 AL001 +5 V
YF100	TU-PS-01-P5-5 +15 V SPECIAL	TU-D0-P1-P2-5	SN001/002 +15 V SPECIAL
YF100	TU-PS-01-P6-6 +5 V CTLD		TU-CONT.BOX-P8-4 SN001/002 +5 V CTLD
SN001/002	TU-CONT.BOX-P8-1 +5 V CTLD	TU-D0-P1-P1-6	TU-D0-PA-J8-9 PA000/001 +5 V CTLD
YF100	TU-PS-01-P5-11 -PICK		TU-CONT.BOX-P8-5 SN001/002 -PICK
SN001/002	TU-CONT.BOX-P8-2 -PICK	TU-D0-P1-P2-11	TU-PS-01-P5-11 PA000/001 -PICK

TITLE	DC VOLTAGE DISTRIBUTION		
DESIGNER	JTJ	4OCT82	
CHECKED	AHR	8NOV82	
APPROVED	AHR	8NOV82	
CLASS	DMO	8FEB84	

EC NO.	DATE
A06052	7MAR84
A06069	3JUN85
A29455	12MAY86

RED

MUST CONFORM TO ENG. SPEC.

SIZE A1

PART NO. 6390335 SHEET OF

DEVELOPMENT NO.

LOGIC PG NO. ZZ020

V2 13MAY86 CD1

PART NO. 6390335

DEVELOPMENT NO.

MASTER

11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2

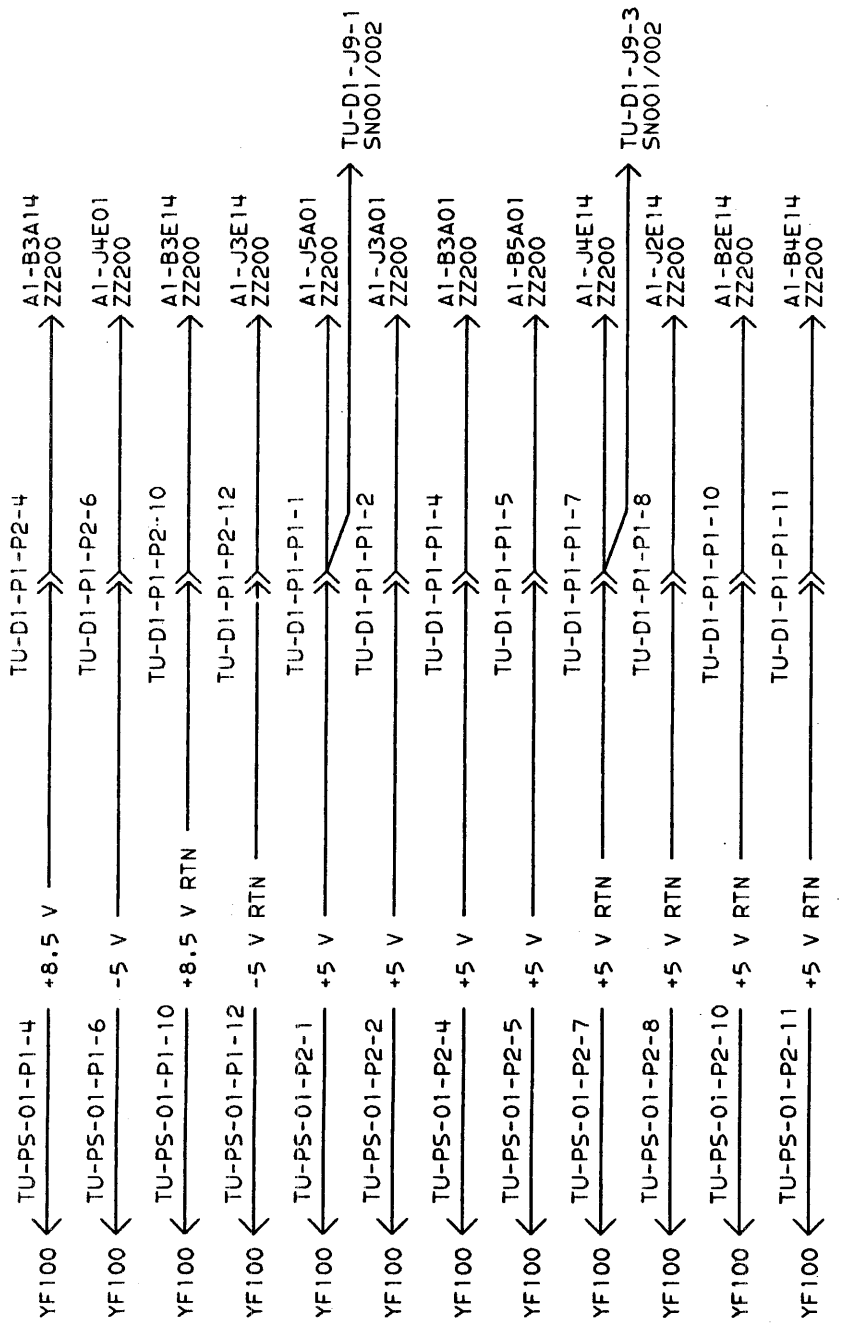
MASTER

PART NO. 6390336

DEVELOPMENT NO.

PART NO. 6390336

DRIVE 1



TITLE	DRIVE 1	
DC VOLTAGE DISTRIBUTION		
DESIGNER	JTJ	4OCT82
CHECKED	AHR	8NOV82
APPROVED	AHR	8NOV82
CLASS	DMO	8FEB84

	DATE	EC NO.
	7MAR84	A06052
	3JUN85	A06069
	4DEC86	A29052
	23JUN87	A29052A
		-

SI metric A1

MUST CONFORM TO ENG. SPEC.

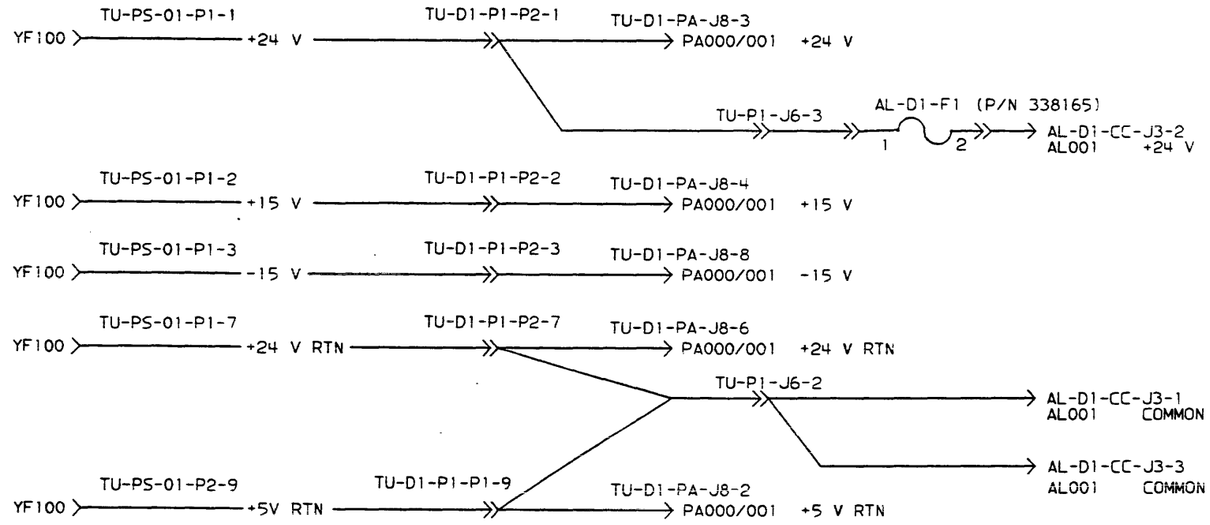
PART NO. 6390336 SHEET OF

DEVELOPMENT NO.

LOGIC PG NO. ZZ110

PART NO.
6390337

DRIVE 1



TITLE: DC VOLTAGE DISTRIBUTION - DRIVE 1

DESIGNER	JTJ	4OCT82
CHECKED	AHR	8NOV82
APPROVED	AHR	8NOV82
CLASS	DMO	8FEB84

		DATE	LC NO.
	RED	7MAR84	AUG052
		3JUN85	A06069
		12MAY86	A29455

SI A1 motio

MUST CONFORM TO ENG. SPEC.

LOGIC PG NO. ZZ120

PART NO. 6390337 REV N

DEVELOPMENT NO.

V2 13MAY86 CDI

MADE IN U.S.A.

PART NO. 6390337

DEVELOPMENT NO.

MASTER

PART NO. 6390338

DRIVE 0/1 A1 LOGIC BOARD
VOLTAGE DISTRIBUTION LIST

PART NO. 6390338

DEVELOPMENT NO.

VOLTAGE		VOLTAGE		VOLTAGE		VOLTAGE		VOLTAGE	
0.00	A1D11	+1.70	G2D02	-5.00	B2B06	+8.50	B2A14	+10.50	G2D04
∘	A2B07	∘ [2]	J4B05	∘	B3E01	∘	▷ B3A14	∘	G2D05
∘	A2B13			∘	B4E01	∘	B4A14	∘	G2D06
∘	A2D02			∘	B5E01	∘	B4B11	∘	J4B12
∘	A2D08	+5.00		∘	B6C03	∘	C3B11	∘	J4D12
∘	A3B07	SPECIAL	A6E02	∘	C3B06	∘	C4B11	∘	J5B02
∘	A3B13	∘ [3]	H2U11	∘	C4B06	∘	H2B11	∘	J5B04
∘	A3D02	∘	B2D03	∘	F2B06	∘	J2A14		J5D02
∘	A3D08	∘	▷ B3A01	∘	F3B06	∘	J3A14		J5D04
∘	A4B07	∘	B3D03	∘	F4B06	∘	J4A14		
∘	A4B13	∘	B4A01	∘	F5B06	∘	J5B11		
∘	A4D02	∘	B4D03	∘	G2B06			10.5 V DEVELOPED ON REGULATOR CARD TU-D0/1-A1-G2 VP000	
∘	A4D08	∘	▷ B5A01	∘	H2B06				
∘	A5B07	∘	B5D03	∘	H3B06				
∘	A5B13	∘	C3D03	∘	H4B06			+15.00	G2B02
∘	A5D02	∘	C4D03	∘	H5B06			∘	G2B03
∘	A5D08	∘	C5D03	∘	▷ J4E01			∘	J6C02
∘	A6D02	∘	D2D03	∘	J4B06			∘	J6D02
∘	B1D13	∘	D3D03	∘	J4E01			∘ [1]	J6E02
∘	B1E11	∘	D4D03	∘	J5B06				
∘	B2D08	∘	D5D03	∘	J5E01				
∘	▷ B2E14	∘	D6E03						
∘	B3D08	∘	E2D03						
∘	▷ B3E14	∘	E3D03						
∘	B4D08	∘	E4D03						
∘	▷ B4E14	∘	E5D03						
∘	B5D08	∘	F2D03						
∘	B6D04	∘	F3D03						
∘	B6E02	∘	F4D03						
∘	C1E13	∘	F5D03						
∘	C2D08	∘	G2D03						
∘	C3D08	∘	H2D03						
∘	C4D08	∘	H3D03						
∘	C5D08	∘	H4D03						
∘	C6E04	∘	H5D03						
∘	D2D08	∘	▷ J3A01						
∘	D3D08	∘	J4A01						
∘	D4D08	∘	J4B08						
∘	D5D08	∘	J4D03						
∘	E2D08	∘	▷ J5A01						
∘	E3D08	∘	J5D03						
∘	E4D08	∘	K2D03						
∘	E5D08	∘	K3D03						
∘	F1A11	∘	K4D03						
∘	F2D08	∘	K5D03						
∘	F3D08								
∘	F4D08								
∘	F5D08								
∘	F6A02								
∘	G2D08								
∘	J2D08								
∘	G3D08								
∘	G4D08								
∘	G5D08								
∘	H2D08								
∘	H3D08								
∘	H4D08								
∘	H5D08								
∘	▷ J2E14								
∘	J3D08								
∘	▷ J3E14								
∘	J4D08								
∘	▷ J4E14								
∘	J5B08								
∘	J5B09								
∘	J5B10								
∘	J5B13								
∘	J5D08								
∘	J5D11								
∘	J5D13								
∘	J6B02								
∘	K2D08								
∘	K3D08								
∘	K4D08								
∘	K5D08								

▷ POP UP CONNECTORS PIN SIDE OF BOARD ZZ010 & ZZ110

NOTES

[1] +15 V SPECIAL TO PINS J6 C02, J6 D02, AND J6 E02 WHEN FILE PROTECT SWITCH IS CLOSED (FROM SN001/002). CARTRIDGE IS NOT FILE PROTECTED WHEN SWITCH IS CLOSED. +15 V SPECIAL IS CONNECTED THROUGH AN INTERNAL PLANE TO G2B02 AND G2B03 WHEN THE SWITCH IS CLOSED.

[2] WRITE CARD REGULATOR OUTPUT (TEST POINT) REFER TO WR000.

[3] SPECIAL +5 V OUTPUT VIA POWER AMP FOR READ PREAMP CARD POWER SEQUENCING. REFER TO PA000/001 AND RP000.

				DATE	EC NO.
				7MAR84	A06052
TITLE	VOLTAGE DIST.		RED	3JUN85	A06069
LIST				4DEC86	A29052
DESIGNER	JTJ	4OCT82			
CHECKED	AHR	8NOV82			
APPROVED	AHR	8NOV82			
CLASS	DMO	8FEB84			

SI metric A1

MUST CONFORM TO ENG. SPEC.

PART NO. 6390338 SHEET OF

DEVELOPMENT NO.

LOGIC PG NO. ZZ200

M D A

PT 5DEC86 DRJ

DATE - 04/29/86 - FIELD WIRE NET LIST -

PART NO. 000627786
EC NO. 000A29029A (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

NODE NAME CROSS REFERENCE (NET-TO-PIN)

ENG. NET NO.	FROM	TO	PL	WIR TYP	LENGTH
$DDASEL00	H2B03-	C2C03-	07		03.109
.	C2C03-	C5C09-	06		06.107
.	C5C09-	B5D09-	07		00.559
$DDBIAS00	H2D06-	J2A06-	07		00.359
.	J2A06-	J4A13-	06		04.432
.	J4A13-	J4B13-	07		00.125
.	J4B13-	D4C13-	07		03.109
.	D4C13-	D4C11-	06		00.357
.	D4C11-	B4C11-	07		01.400
$DDBSEL00	H2D10-	J2C10-	07		00.559
.	J2C10-	J3C12-	06		02.107
.	J3C12-	B3B11-	07		04.625
$DDCLAMPM	E6C04-	E4C03-	02		03.682
.	E4C03-	B4B03-	01		02.100
$DDCLKB00	B2C08-	J2A08-	01		04.234
.	J2A08-	J4B10-	02		03.875
$DDCREG1M	B1A13-	D1A14-	07		01.375
.	D1A14-	D5A05-	06		05.975
.	D5A05-	B5C05-	07		01.109
$DDCREG2M	C1D13-	D1C13-	07		00.609
.	D1C13-	D3C05-	06		02.557
.	D3C05-	B3C05-	07		01.441
.	B3C05-	D3A05-	07		01.150
.	D3A05-	D4A06-	06		01.932
.	D4A06-	D4D06-	07		00.434
$DDDRIVEM	J6B04-	J6B05-	06		00.125
.	J6B05-	B6E05-	07		04.100
.	B6E05-	B5E10-	06		01.182
.	B5E10-	B5C10-	07		00.359
$DDDSEA00	J4D10-	J4C10-	07		00.125
.	J4C10-	J5C06-	06		01.307
.	J5C06-	B5C06-	07		04.475
$DDGATTNM	C1C11-	C5C07-	02		06.600
.	C5C07-	B5C07-	01		00.734
$DDLDFUNP	F1D13-	D1A13-	01		01.684
.	D1A13-	D5A08-	02		06.432
.	D5A08-	B5B08-	01		01.184
$DDLEDI00	B2B12-	D2C12-	01		01.434
$DDLEDI00	D2C12-	D6B04-	02		06.125
.	D6B04-	H6A04-	07		02.434
$DDLEDI01	B2B11-	D2A11-	07		01.184
.	D2A11-	C6E05-	06		06.375
.	C6E05-	H6B04-	07		02.875
$DDLEDI02	B3C03-	C3E03-	07		00.984
.	C3E03-	C6D03-	06		05.375
.	C6D03-	H6C04-	07		03.125
$DDLEDI04	B2D11-	B6E01-	06		05.875
.	B6E01-	J6C01-	07		04.275
.	J6C01-	J6C04-	06		00.432
$DDLEDI06	B3D05-	C3E05-	07		00.859
.	C3E05-	C3E12-	06		00.932
.	C3E12-	D3E12-	07		00.684
.	D3E12-	E6A03-	06		04.250
.	E6A03-	H6E04-	07		02.500
$DDLEDI11	B2C11-	E2E11-	07		02.234
.	E2E11-	E5E02-	06		04.232
.	E5E02-	F5A02-	07		00.125
.	F5A02-	F5A14-	06		01.557
.	F5A14-	G5B14-	07		00.859
.	G5B14-	G6B05-	06		00.732
.	G6B05-	J6A04-	07		01.368
$DDLEDI12	J6D04-	J5D14-	06		00.557
.	J5D14-	D5D14-	07		03.243
.	D5D14-	D2E10-	06		05.875
.	D2E10-	B2D10-	07		01.434
$DDLITERP	E1C13-	E5C06-	06		06.182
.	E5C06-	B5D06-	07		01.859
.	B5D06-	D5E07-	01		01.500
.	D5E07-	D5E08-	02		00.125
.	D5E08-	D5B08-	01		00.434
$DDLTCC00	B3D12-	B6D03-	06		04.232
.	B6D03-	B6A04-	07		00.500
$DDLTCW00	A6E04-	B6D05-	07		00.625
.	B6D05-	B5D07-	06		01.557
$DDMDCLKP	J4B07-	K4A07-	07		00.559
.	K4A07-	K1A14-	06		04.432
.	K1A14-	G1A13-	07		02.000
$DDMDCLKP	G1A13-	G4A13-	06		05.357
.	G4A13-	B4D13-	07		02.809
$DDMDLDPM	B5D04-	E5E04-	07		02.059
.	E5E04-	E1E13-	06		06.025
$DDMDLODM	F1D11-	D1A11-	01		01.684
.	D1A11-	D5A07-	02		06.607
.	D5A07-	B5B07-	01		01.184
$DDMDRSTP	E1E11-	E5E08-	06		06.682
.	E5E08-	B5C08-	07		02.184
$DDMSCLKM	B4D07-	E4C07-	07		01.809
.	E4C07-	E1B13-	06		04.625
$DDPARSTM	D5B07-	D5C07-	01		00.125
.	D5C07-	D5C03-	02		00.607
.	D5C03-	B5C03-	01		01.309
.	B5C03-	B6C05-	06		02.057
.	B6C05-	A6D04-	07		00.625
$DDPUFFER	H5D06-	C5E06-	07		03.059
.	C5E06-	C5E05-	06		00.125
.	C5E05-	B5B05-	07		01.059
.	B5B05-	B1B12-	02		06.225
.	B1B12-	C1E12-	01		01.059
.	C1E12-	C1E11-	02		00.125
$DDRAEN00	C1B11-	C5C12-	06		07.250
.	C5C12-	B5B12-	07		00.809
.	B5B12-	C5E12-	01		01.109
.	C5E12-	C5E04-	02		01.107
.	C5E04-	D5B04-	01		00.309
$DDRASDAT00	H2D11-	D2C11-	07		02.684
.	D2C11-	D4C06-	06		02.982
.	D4C06-	B4B06-	07		01.484
$DDRASDAT01	B4B09-	C4A09-	07		00.559
.	C4A09-	C5A03-	06		01.107
.	C5A03-	H5B03-	07		03.359
$DDRSETAM	B6B02-	B6C01-	07		00.250
.	B6C01-	B5C04-	06		01.482
$DDSLED00	D1E11-	D3E11-	06		03.557
.	D3E11-	B3C11-	07		01.600
.	B3C11-	D3C11-	07		01.309

DATE - 04/29/86 - FIELD WIRE NET LIST -

PART NO. 000627786
EC NO. 000A29029A (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

NODE NAME CROSS REFERENCE (NET-TO-PIN)

ENG. NET NO.	FROM	TO	PL	WIR TYP	LENGTH
$DDSLED00	D3C11-	D6C02-	06		04.182
.	D6C02-	E6D02-	07		00.809
$DDSLEN00	B5B10-	C5A10-	07		00.559
.	C5A10-	C1A11-	06		07.068
$DDTRAYSN	B5D02-	B5D14-	02		01.557
.	B5D14-	C5C14-	01		00.559
.	C5C14-	C6C02-	02		00.307
$DDWENB00	B5D05-	D5C05-	01		01.234
.	D5C05-	D6C01-	06		01.357
.	D6C01-	J6D01-	07		03.309
.	J6D01-	J4D09-	06		02.607
$DDWRDATA P	B2B13-	K2A14-	01		05.000
.	K2A14-	J4E13-	02		03.500
.	J4E13-	J4D13-	01		00.125
$DDWRDATA00	B4C08-	D4A08-	07		01.059
.	D4A08-	D5A03-	06		01.182
.	D5A03-	J5B03-	07		03.309
$DDWRDATA01	B4D10-	D4E10-	07		01.434
.	D4E10-	D5E05-	06		01.232
.	D5E05-	J5B05-	07		02.859
$DDWRDATA02	B2C12-	E2A12-	07		01.734
.	E2A12-	E5A05-	06		04.475
.	E5A05-	J5D05-	07		02.934
$DDWRDATA03	B4B08-	F4A08-	07		02.484
.	F4A08-	F5A06-	06		01.607
.	F5A06-	J5D06-	07		02.359
$DDWRDATA04	B3D02-	E3A02-	07		01.609
.	E3A02-	E5A02-	06		03.557
.	E5A02-	J5E02-	07		03.150
.	J5E02-	J5E07-	06		00.732
.	J5E07-	J5D07-	07		00.125
$DDWRDATA05	B4D11-	C4A11-	07		00.359
.	C4A11-	C5A07-	06		01.307
.	C5A07-	J5B07-	07		03.984
$DDWRDATA06	B3C02-	F3A02-	07		02.309
.	F3A02-	F5A09-	06		04.525
.	F5A09-	J5D09-	07		02.359
$DDWRDATA07	B4C09-	D4E09-	07		01.609
.	D5E12-	J5D12-	07		03.059
$DDWRDATA08	J5B12-	J5B14-	02		00.357
.	J5B14-	F5C14-	01		01.809
.	F5C14-	F2C10-	02		05.807
.	F2C10-	B2C10-	01		02.609
$DDXRDATR P	F1C13-	C1C13-	07		01.934
.	C1C13-	C3C12-	02		03.525
.	C3C12-	B3B12-	01		00.859
.	B3B12-	F3A12-	07		02.475
.	F3A12-	F4A12-	06		01.807
.	F4A12-	D4D12-	07		00.934
$DDXRDATR00	D5D11-	J5C11-	07		03.059
.	J5C11-	J5C13-	06		00.307
.	J5C13-	B5B13-	07		04.600
.	B5B13-	A5C13-	07		00.559
.	A5C13-	A1C11-	06		07.443
.	A1C11-	A1E11-	07		00.309
.	A1E11-	A1E10-	02		00.125
.	A1E10-	E1C10-	01		02.309
.	E1C10-	E1C11-	02		00.125
$DDXRDATR01	D5D12-	B5C12-	01		01.434
.	B5C12-	C5A12-	07		00.484
.	C5A12-	C1A10-	06		07.393
.	C1A10-	B1D10-	07		00.309
.	B1D10-	B1D11-	06		00.125
.	B1D11-	B1D12-	02		00.125
.	B1D12-	E1D12-	01		01.984
.	E1D12-	E1D11-	02		00.125
$DDXRDATR02	F1B13-	B1C13-	07		02.525
.	B1C13-	B1E12-	07		00.375
.	B1E12-	B5E13-	06		07.275
.	B5E13-	B5D13-	07		00.125
.	B5D13-	D5D13-	01		01.309
$DDXRDATR03	F1E13-	B1B13-	07		02.975
.	B1B13-	B1B10-	02		00.482
.	B1B10-	B1C10-	01		00.125
.	B1C10-	B5C13-	02		07.518
.	B5C13-	C5C13-	07		00.684
.	C5C13-	C4C07-	06		02.557
.	C4C07-	D4D07-	07		00.859
$DDXRDATR04	F1B11-	B1C11-	01		02.484
$DDXRDATR04	B1C11-	B2B01-	06		00.625
.	B2B01-	B2A01-	07		00.125
.	B2A01-	B5A09-	06		06.350
.	B5A09-	B5B09-	07		00.125
.	B5B09-	B5E09-	01		00.434
.	B5E09-	B4E13-	02		01.307
.	B4E13-	D4D13-	01		01.184
$DDXRDATR05	F1C11-	B1B11-	07		02.734
.	B1B11-	B1A14-	06		00.500
.	B1A14-	B1D14-	07		00.434
.	B1D14-	B4C13-	06		05.250
.	B4C13-	G4C13-	07		03.225
.	G4C13-	G4C09-	06		00.557
.	G4C09-	D4D09-	07		01.809
$DDXRDATR06	D4D10-	C4E10-	07		00.609
.	C4E10-	C5E11-	06		01.932
.	C5E11-	B5B11-	07		01.109
.	B5B11-	A5A11-	07		00.850
.	A5A11-	A1A13-	06		06.900
.	A1A13-	A1E13-	07		00.559
.	A1E13-	B1A10-	06		00.500
.	B1A10-	F1E10-	07		03.100
.	F1E10-	F1E11-	06		00.125
$DDXRDATR07	D4D11-	D5E10-	02		01.750
.	D5E10-	B5D10-	01		01.434
.	B5D10-	A5A10-	01		01.059
.	A5A10-	A1A11-	02		06.975
.	A1A11-	B1A11-	01		00.684
.	B1A11-	G1A11-	07		03.184
$DIADIN00	A2D09-	B2C09-	01		00.559
.	B2C09-	B2A10-	01		00.375
.	B2A10-	B3A09-	02		01.682
.	B3A09-	A3D09-	01		00.309
$DIADIN10	A4D09-	B4E09-	01		00.809
.	B4E09-	B4E06-	02		00.482
.	B4E06-	B4D06-	01		00.125
.	B4D06-	A4E06-	01		00.559
.	A4E06-	A5E09-	02		02.232
.	A5E09-	A5D09-	01		00.125
$DIADRO00	A2D03-	B2D02-	01		00.750
.	B2D02-	C2A02-	07		00.359
.	C2A02-	C3A03-	06		01.982

DATE - 04/29/86 - FIELD WIRE NET LIST -

PART NO. 0006272786
EC NO. 000A29029A (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

NODE NAME CROSS REFERENCE (NET-TO-PIN)

ENG. NET NO.	FROM	TO	PL	WIR TYP	LENGTH
.	C3A03-	A3D03-	07		00.975
$DIADRO10	A5D03-	B5E03-	07		00.809
.	B5E03-	B4E02-	06		01.932
.	B4E02-	B4C02-	07		00.309
.	B4C02-	A4D03-	01		00.625
$DICBUS00 P	A2B02-	B2B02-	01		00.734
.	B2B02-	A2C03-	01		00.625
.	A2C03-	A3B02-	02		01.750
$DICBUS0000	A2B03-	A2A03-	01		00.125
.	A2A03-	A2A05-	02		00.357
.	A2A05-	B2C05-	01		00.984
.	B2C05-	A2A04-	01		01.000
.	A2A04-	A3A03-	02		01.682
.	A3A03-	A3B03-	01		00.125
$DICBUS0001	A3B04-	A3E04-	01		00.434
.	A3E04-	A2E05-	02		01.732
.	A2E05-	B2D05-	01		00.559
.	B2D05-	A2C05-	07		00.859
.	A2C05-	A2C04-	06		00.125
.	A2C04-	A2B04-	07		00.125
$DICBUS0002	A2B05-	B2A05-	07		00.559
.	B2A05-	B2A07-	06		00.357
.	B2A07-	B2D07-	07		00.434
.	B2D07-	A2C07-	01		00.859
.	A2C07-	A3C05-	02		01.607
.	A3C05-	A3B05-	01		00.125
$DICBUS0003	A3B06-	A3E06-	01		00.484
.	A3E06-	A2E08-	02		01.557
.	A2E08-	B2B08-	01		00.309
.	B2B08-	B2A08-	07		00.125
.	B2A08-	B2A06-	06		00.307
.	B2A06-	A2B06-	07		00.559
$DICBUS0004	A3B08-	B3A08-	07		00.559
.	B3A08-	B2A13-	06		01.232
.	B2A13-	B2C13-	07		00.359
.	B2C13-	B2E13-	01		00.309
.	B2E13-	B2E08-	02		00.732
.	B2E08-	A2B08-	01		01.100
$DICBUS0005	A2B09-	A2A13-	06		00.625
.	A2A13-	B2D13-	07		01.100
.	B2D13-	A2C13-	07		00.809
.	A2C13-	A3C09-	06		01.357
$DICBUS0006	A2B10-	A2C10-	07		00.125
.	A2C10-	A2C09-	06		00.125
.	A2C09-	B2B09-	07		00.609
.	B2B09-	B2A09-	07		00.125
.	B2A09-	B3A10-	06		01.932
.	B3A10-	A3B10-	07		00.609
$DICBUS0007	A2B11-	B2A11-	01		00.559
.	B2A11-	B3A02-	02		00.732
.	B3A02-	B3B02-	01		00.125
.	B3B02-	A3C02-	07		00.559
.	A3C02-	A3C11-	06		01.182
.	A3C11-	A3B11-	07		00.125
$DICBUS10 P	A4B02-	B4A02-	07		00.559
.	B4A02-	B4A06-	06		00.557
.	B4A06-	B4C06-	07		00.309
.	B4C06-	A4A06-	01		00.984
.	A4A06-	A5A02-	02		01.357
.	A5A02-	A5B02-	01		00.125
$DICBUS1000	A5B03-	C5C03-	01		01.484
.	C5C03-	C4C03-	02		01.857
.	C4C03-	B4C03-	01		00.684
.	B4C03-	A4B03-	07		00.809
$DICBUS1001	A4B04-	A4C04-	07		00.125
.	A4C04-	A4C02-	06		00.357
.	A4C02-	B4D02-	07		00.900
.	B4D02-	C4C02-	01		00.559
.	C4C02-	C5C04-	02		02.057
.	C5C04-	A5B04-	01		01.475
$DICBUS1002	A5B05-	C5A05-	01		01.225
.	C5A05-	C4A05-	02		01.807
.	C4A05-	B4B05-	01		00.609
.	B4B05-	A4B05-	07		00.684
$DICBUS1003	A4B06-	A4C06-	07		00.125
.	A4C06-	A4C05-	06		00.125
.	A4C05-	B4D05-	07		00.859
.	B4D05-	B4A05-	01		00.475
.	B4A05-	B5A06-	02		01.982
.	B5A06-	A5B06-	01		00.559
$DICBUS1004	A4B08-	A4E08-	07		00.434
.	A4E08-	A4E13-	06		00.732
.	A4E13-	B4B13-	07		00.359
$DICBUS1004	A4C13-	A5C08-	06		01.232
.	A5C08-	A5B08-	07		00.125
$DICBUS1005	A5B09-	B5A08-	01		00.625
.	B5A08-	B4A03-	02		02.475
.	B4A03-	B4C04-	01		00.375
.	B4C04-	A4C03-	01		00.850
.	A4C03-	A4B09-	02		00.875
$DICBUS1006	A4B10-	A4A10-	01		00.125
.	A4A10-	A4A04-	02		00.807
.	A4A04-	B4C05-	01		01.059
.	B4C05-	A4A05-	07		00.975
.	A4A05-	A5B10-	06		02.500
$DICBUS1007	A4B11-	B4A11-	07		00.559
.	B4A11-	B5A04-	06		00.982
.	B5A04-	B5B04-	07		00.125
.	B5B04-	A5C04-	01		00.609
.	A5C04-	A5C11-	02		00.982
.	A5C11-	A5B11-	01		00.125
$DICLKA00	A2D05-	A2E06-	01		00.250
.	A2E06-	B3A13-	02		02.750
.	B3A13-	B3B13-	01		00.125
.	B3B13-	A3E12-	07		00.375
.	A3E12-	A3E05-	06		00.932
.	A3E05-	A3D05-	07		00.125
$DICLKA10	A4D05-	A4E05-	07		00.125
.	A4E05-	A4E10-	06		00.682
.	A4E10-	B4C10-	07		00.434
.	B4C10-	B4E10-	01		00.309
.	B4E10-	B5E05-	02		01.232
.	B5E05-	A5D05-	01		00.809
$DICLKB00	A3D06-	B3D06-	01		00.684
.	B3D06-	A3A06-	07		01.059
.	A3A06-	A2A06-	06		01.857
.	A2A06-	A2D06-	07		00.484
$DICLKB10	A5D06-	B5E06-	01		00.859
.	B5E06-	B4D09-	02		01.500
.	B4D09-	A4C08-	01		00.875
.	A4C08-	A4D06-	02		00.375
$DICMD000	A3D04-	A3C04-	01		00.125
.	A3C04-	A2C01-	02		02.182

DATE - 04/29/86 - FIELD WIRE NET LIST -

PART NO. 0006272786
EC NO. 000A29029A (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

NODE NAME CROSS REFERENCE (NET-TO-PIN)

ENG. NET NO.	FROM	TO	PL	WIR TYP	LENGTH
.	A2C01-	B2C01-	01		00.684
$DICMD000	B2C01-	B2C02-	02		00.125
.	B2C02-	A2D04-	07		00.859
$DICMD010	A5D04-	A4C10-	02		01.125
.	A4C10-	B4B10-	01		00.559
.	B4B10-	A4C09-	07		00.625
.	A4C09-	A4D04-	06		00.750
$DIGAP000	A3D07-	C3A07-	01		00.934
.	C3A07-	C2A04-	02		02.182
.	C2A04-	B2C04-	01		00.434
.	B2C04-	A2E04-	07		00.434
.	A2E04-	A2E07-	06		00.482
.	A2E07-	A2D07-	07		00.125
$DIGAP010	A5D07-	A5D14-	02		00.932
.	A5D14-	B5B14-	01		00.434
.	B5B14-	B5B02-	02		01.607
.	B5B02-	A5E01-	07		00.375
.	A5E01-	A4D07-	06		01.125
$DIREPI00	A2D11-	A2E11-	07		00.125
.	A2E11-	B2A04-	06		01.000
.	B2A04-	B2C03-	07		00.375
.	B2C03-	B2A03-	07		00.309
.	B2A03-	B3A11-	02		02.850
.	B3A11-	A3D11-	07		00.359
$DIREPI10	A5D11-	B5A11-	07		00.309
.	B5A11-	B4B07-	06		02.375
.	B4B07-	C4E07-	01		01.109
.	C4E07-	C4E11-	02		00.607
.	C4E11-	A4D11-	01		01.434
$DISERC00	A3D12-	B3E12-	01		00.809
.	B3E12-	B3D10-	02		00.375
.	B3D10-	A3C10-	01		00.809
.	A3C10-	A2D12-	02		01.625
$DISERC10	A5D12-	A5C02-	02		01.375
.	A5C02-	B5C02-	01		00.684
.	B5C02-	A5E02-	07		00.434
.	A5E02-	A4E12-	06		00.557
.	A4E12-	A4D12-	07		00.125
$DISERD00	A2D13-	A2E13-	07		00.125
.	A2E13-	A2E09-	06		00.607
.	A2E09-	B2D09-	07		00.559
.	B2D09-	B2E09-	01		00.125
$DISERD00	B2E09-	B3E13-	02		02.307
.	B3E13-	A3D13-	01		00.809
$DISERD10	A4D13-	A4E04-	06		01.357
.	A4E04-	B4B04-	07		00.309
.	B4B04-	B4A04-	07		00.125
.	B4A04-	A5E13-	06		03.000
.	A5E13-	A5D13-	07		00.125
$DISLOT00	A2B12-	A2A12-	01		00.125
.	A2A12-	A3A13-	02		01.982
.	A3A13-	B3C13-	01		00.984
.	B3C13-	A3B12-	01		00.875
$DISLOT10	A4B12-	B4D12-	07		00.934
.	B4D12-	A4C12-	07		00.859
.	A4C12-	A5C12-	06		01.807
.	A5C12-	A5B12-	07		00.125
$DISTIN00	A2D10-	A2E02-	06		01.125
.	A2E02-	B2B03-	07		00.375
.	B2B03-	A2E03-	01		00.309
.	A2E03-	A3D10-	02		02.750
$DISTIN10	A5D10-	A5E10-	01		00.125
.	A5E10-	A4E07-	02		02.225
.	A4E07-	B4C07-	01		00.434
.	B4C07-	B4A07-	07		00.309
.	B4A07-	B4A10-	06		00.432
.	B4A10-	A4D10-	07		00.359
$DRIVEID0	B3C12-	B5C14-	02		03.857
.	B5C14-	E5D14-	01		02.100
.	E5D14-	E6D04-	02		00.557
$DRIVEID1	E6E04-	E1D14-	06		07.625
.	E1D14-	B2D01-	07		02.000
.	B2D01-	B3D11-	06		03.107
$DRIVEID2	B5D12-	B5E12-	01		00.125
.	B5E12-	B6E03-	02		00.682
.	B6E03-	F6D04-	01		02.500
$DRIVEID3	F6E04-	F5E09-	06		01.182
.	F5E09-	B5C09-	07		02.850
$IFWPOR00	G2B11-	J2C11-	01		01.484
.	J2C11-	J4C09-	02		03.357
.	J4C09-	J4B09-	01		00.125
$J2D08	J2D08-	J1D11-	06		01.432 V
.	J1D11-	J1C11-	07		00.125
.	J1C11-	J1B11-	07		00.125
.	J1B11-	J1A11-	07		00.125
$MDERRORP	B3B05-	F3A05-	07		02.434
.	F3A05-	F1A13-	06		02.557
$RBUS1AL M	H5B04-	G5D05-	01		00.500
$RBUS1AL P	H5B02-	G5D04-	01		00.725
$RBUS1AR M	G5B02-	H5D04-	02		01.125
$RBUS1AR P	G5D02-	H5D02-	02		00.682
$RBUS1BL M	G5D07-	H5D07-	01		00.734
$RBUS1BL P	H5D05-	G5B07-	01		01.125
$RBUS1BR M	G5D06-	H5B07-	02		00.607
$RBUS1BR P	G5B05-	H5B05-	02		00.725
$RBUS2AL M	H5D10-	G5D11-	01		00.750
$RBUS2AL P	H5D09-	G5D10-	01		00.850
$RBUS2AR M	G5B09-	H5B09-	02		00.682
$RBUS2AR P	G5B10-	H5B10-	02		00.775
$RBUS2BL M	G5D13-	H5D13-	01		00.775
$RBUS2BL P	G5D12-	H5D12-	01		00.684
$RBUS2BR M	G5B13-	H5B13-	02		00.775
$RBUS2BR P	G5B12-	H5B12-	02		00.682
$RBUS3AL M	G4B12-	H4B12-	01		00.684
$RBUS3AL P	G4B13-	H4B13-	01		00.775
$RBUS3AR M	G4D12-	H4D12-	02		00.725
$RBUS3AR P	G4D13-	H4D13-	02		00.732

DATE - 04/29/86 - FIELD WIRE NET LIST -

PART NO. 000 6272786
EC NO. 000A2902 9A (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

NODE NAME CROSS REFERENCE (NET-TO-PIN)

ENG. NET NO.	FROM	TO	PL	WIR TYP	LENGTH	
$RBUS3BL M	G4B10-	H4B10-	01		00.734	
$RBUS3BL P	G4D09-	H4D09-	01		00.725	
$RBUS3BR M	G4D11-	H4D11-	02		00.732	
$RBUS3BR P	G4D10-	H4D10-	02		00.725	
$RBUS4AL M	H4B07-	G4B08-	01		00.750	
$RBUS4AL P	G4B09-	H4B09-	01		01.025	
$RBUS4AR M	G4D07-	H4B08-	02		00.607	
$RBUS4AR P	G4B07-	H4D07-	02		01.025	
$RBUS4BL M	G4B04-	H4B04-	01		00.725	
$RBUS4BL P	G4B05-	H4B05-	01		00.734	
$RBUS4BR M	G4D06-	H4D06-	02		00.775	
$RBUS4BR P	G4D05-	H4D05-	02		00.682	
$RBUS5AL M	G4D04-	H4D04-	01		00.734	
$RBUS5AL P	G4B03-	H4B03-	01		00.725	
$RBUS5AR M	G4D02-	H4D02-	02		00.789	
$RBUS5AR P	G4B02-	H4B02-	02		00.725	
$RBUS5BL M	G3B13-	H3B13-	01		00.775	
$RBUS5BL P	G3B12-	H3B12-	01		00.684	
$RBUS5BR M	G3D12-	H3D12-	02		00.725	
$RBUS5BR P	G3D13-	H3D13-	02		00.732	
$RBUS6AL M	G3D11-	H3D11-	06		00.775	
$RBUS6AL P	G3B10-	H3B10-	06		00.682	
$RBUS6AR M	G3D09-	H3D09-	07		00.684	
$RBUS6AR P	G3D10-	H3D10-	07		00.775	
$RBUS6BL M	G3B09-	H3B09-	06		00.725	
$RBUS6BL P	H3B07-	G3B08-	06		01.057	
$RBUS6BR M	G3D07-	H3D07-	07		00.725	
$RBUS6BR P	G3B07-	H3B08-	07		00.750	
$RBUS7AL M	G3D05-	H3D05-	06		00.682	
$RBUS7AL P	G3D06-	H3D06-	06		00.775	
$RBUS7AR M	G3B05-	H3B05-	07		00.775	
$RBUS7AR P	G3D04-	H3B04-	07		00.434	
$RBUS7BL M	H3B02-	G3B03-	06		00.750	
$RBUS7BL P	H3B03-	G3B04-	06		00.900	
$RBUS7BR M	G3B02-	H3D04-	07		01.125	
$RBUS7BR P	G3D02-	H3D02-	07		00.684	
$RBUS8AL M	G2D12-	H2D12-	06		00.682	
$RBUS8AL P	G2D13-	H2D13-	06		00.775	
$RBUS8AR M	G2B12-	H2B12-	07		00.934	
$RBUS8AR P	G2B13-	H2B13-	07		00.725	
$RBUS8BL M	H2D04-	G5B04-	06		06.468	
$RBUS8BL P	H2D02-	G5B03-	06		06.621	
$RBUS8BR M	H2B02-	G2D11-	07		01.600	
$RBUS8BR P	H2B04-	G2D10-	07		01.243	
$RBUS9AL M	H2D05-	G5B08-	06		06.950	
$RBUS9AL P	H2D07-	G5D09-	06		06.239	
$RBUS9AR M	H2B05-	G2D07-	07		00.684	
$RBUS9AR P	G2B07-	H2B07-	07		00.725	
$RBUS9BL M	G2D09-	H2D09-	06		00.775	
$RBUS9BL P	G2B08-	H2B08-	06		00.682	
$RBUS9BR M	G2B10-	H2B10-	07		00.734	
$RBUS9BR P	G2B09-	H2B09-	07		00.725	
$RSENSE	J4B05-	J2B01-	02		04.150	V
.	J2B01-	G2D01-	01		01.059	
.	G2D01-	G2D02-	02		00.125	V
$SLBUS 00	J1A13-	F1C12-	07		01.750	
.	F1C12-	F4C02-	02		04.193	
.	F4C02-	D4D02-	07		01.184	
.	D4D02-	C4A02-	07		01.109	
.	C4A02-	C3A06-	06		01.307	
.	C3A06-	B3C06-	07		00.484	
$SLBUS 01	J1B13-	J1B10-	06		00.432	
.	J1B10-	D1B10-	07		03.275	
.	D1B10-	D3B02-	06		02.557	
.	D3B02-	B3E02-	01		00.934	
.	B3E02-	B3E04-	02		00.357	
.	B3E04-	B3D04-	01		00.125	
$SLBUS 02	B3B08-	D3C08-	01		01.434	
.	D3C08-	D4C04-	02		01.357	
.	D4C04-	D4D04-	01		00.125	
.	D4D04-	D3C10-	06		01.125	
.	D3C10-	J3C10-	07		03.266	
.	J3C10-	J1C13-	06		03.182	
$SLBUS 03	J1D13-	G1E13-	07		01.184	
.	G1E13-	G3E02-	02		02.182	
.	G3E02-	F3C02-	01		00.934	
.	F3C02-	B3B03-	07		02.750	
.	B3B03-	B3E03-	07		00.434	
.	B3E03-	B4E05-	06		02.107	
.	B4E05-	D4D05-	07		01.184	
$SLDRIVEM	C5D13-	D5A13-	01		00.359	
.	D5A13-	D2B11-	02		05.625	
$SLLEDI00	D2B02-	E2D01-	07		01.000	
.	E2D01-	E5C07-	06		06.125	
.	E5C07-	C5B07-	07		01.434	
$SLLEDI01	D2B03-	E2E03-	01		01.059	
.	E2E03-	E5E05-	02		05.607	
.	E5E05-	C5B05-	01		01.725	
$SLLEDI02	D2B04-	C2A03-	01		00.875	
.	C2A03-	C5B06-	02		05.750	

DATE - 04/29/86 - FIELD WIRE NET LIST -

PART NO. 000 6272786
EC NO. 000A2902 9A (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

NODE NAME CROSS REFERENCE (NET-TO-PIN)

ENG. NET NO.	FROM	TO	PL	WIR TYP	LENGTH	
$SLLEDI03	D2B05-	F2E06-	07		01.750	
.	G5A01-	C5B02-	07		02.500	
$SLLEDI04	D2B07-	F2A06-	01		01.250	
.	F2A06-	F5A03-	02		04.982	
.	F5A03-	C5D03-	01		01.609	
$SLLEDI05	D2B08-	F2E08-	07		01.725	
.	F2E08-	F5E04-	06		04.807	
.	F5E04-	C5B04-	07		02.400	
$SLLEDI06	D2D05-	F2C05-	07		01.184	
.	F2C05-	F5C10-	06		05.975	
.	F5C10-	C5B10-	07		02.059	
$SLLEDI07	C5B09-	C2B01-	06		06.307	
.	C2B01-	D2D01-	07		00.934	
.	D2D01-	D2D04-	06		00.432	
$SLLEDI08	D2D02-	D2C02-	01		00.125	
.	D2C02-	D5C11-	02		06.432	
.	D5C11-	C5B11-	01		00.809	
$SNACCPOS	D4B05-	D4E05-	01		00.434	
.	D4E05-	D5E06-	02		01.932	
.	D5E06-	C5D06-	01		00.809	
$SNCARTLD	H1D11-	H1D10-	06		00.125	
.	H1D10-	F1A10-	07		01.734	
.	F1A10-	F3A11-	06		03.768	
.	F3A11-	B3C10-	07		02.375	
.	B3C10-	D3E10-	07		01.609	
.	D3E10-	D5E13-	06		04.025	
.	D5E13-	J5A13-	07		02.684	
.	J5A13-	J6A02-	06		00.432	
$SNCARTPR	H6C02-	C6C03-	07		03.250	
.	C6C03-	C6B03-	06		00.125	
.	C6B03-	B6B03-	07		00.734	
.	B6B03-	B4C12-	06		02.500	
.	B4C12-	B1C12-	06		05.357	
.	B1C12-	H1C12-	07		03.859	
.	H1C12-	H1C11-	06		00.125	
$SNCRTGRP	D4B08-	C4E08-	01		00.309	
.	C4E08-	C5E07-	02		01.682	
.	C5E07-	C5D07-	01		00.125	
$SNDADRH0	E6E02-	E3E07-	02		04.682	
F$SNDADRH0	E3E07-	B3B07-	01		02.359	
$SNDADR00	F6C02-	F5C12-	06		00.557	
.	F5C12-	B5C11-	07		02.625	
$SNDADR01	B5B06-	E5E06-	07		02.400	
.	E5E06-	E6E01-	06		01.232	
.	E6E01-	F6D01-	07		00.609	
.	F6D01-	F6D02-	06		00.125	
$SNDADR02	G6A04-	G6A05-	06		00.125	
.	G6A05-	C6A05-	07		02.559	
.	C6A05-	C5A11-	06		01.107	
.	C5A11-	B5D11-	07		00.309	
$SNEXITSN	D4B02-	C4E02-	07		00.309	
.	C4E02-	C5E02-	06		01.857	
.	C5E02-	C5D02-	07		00.125	
$SNFRTACA	B4B12-	B5A14-	06		02.125	
.	B5A14-	D5E14-	07		01.859	
.	D5E14-	D6E04-	06		00.557	
$SNFRTACB	B5B03-	E5A03-	01		01.850	
.	E5A03-	E6A04-	02		01.932	
$SNMACTAB	F6A04-	F3A04-	02		05.307	
.	F3A04-	B3C04-	01		02.309	
$SNMACTAC	B3B06-	E3A06-	01		01.859	
.	E3A06-	E6B04-	02		05.125	
$SNPCKSTK	D4B07-	D5A11-	06		02.375	
.	D5A11-	C5D11-	07		00.309	
$SNPCKTRY	D4B06-	E4C06-	01		00.809	
.	E4C06-	E5C05-	02		01.732	
.	E5C05-	C5D05-	01		01.184	
$SNSKDORS	K1A11-	K2A01-	06		00.607	
.	K2A01-	F2A01-	07		02.559	
.	F2A01-	F2A12-	06		01.482	
.	F2A12-	B2D12-	07		02.225	
.	B2D12-	C2A12-	07		00.309	
.	C2A12-	C5A09-	06		04.975	
.	C5A09-	C5D09-	07		00.484	
.	C5D09-	C5D10-	06		00.125	
$SNSTGMTR	C5D04-	D5C04-	07		00.609	
$SNSTGMTR	D5C04-	D4B04-	06		01.875	
$SNSTGPOS	C5B03-	C1B14-	02		05.682	
.	C1B14-	D1B14-	01		00.684	
.	D1B14-	D4B03-	02		03.932	
$SNTHREDA	H6A02-	H6A01-	02		00.125	
.	H6A01-	G6A01-	01		00.684	
.	G6A01-	G4A02-	02		03.482	
.	G4A02-	B4B02-	01		03.109	
$SNTHREDB	H6B02-	H6B03-	06		00.125	
.	H6B03-	F6C03-	07		01.234	
.	F6C03-	F2C08-	06		06.525	
.	F2C08-	F2A08-	07		00.309	
.	F2A08-	F2A07-	06		00.125	
.	F2A07-	B2C07-	07		02.359	
$SPP5DCON	H5D11-	H6D03-	06		00.807	
.	H6D03-	E6B03-	07		02.184	
.	E6B03-	A6E02-	01		02.250	
$SWITCHM0	E1D13-	D1D13-	07		00.734	
.	D1D13-	D3C07-	06		02.875	
.	D3C07-	B3D07-	07		01.184	
$SWITCHM1	B3B10-	E3C10-	07		02.150	
.	E3C10-	E1B11-	06		03.500	
$SWITCHM3	E1A11-	E3A13-	06		03.857	
.	E3A13-	B3D13-	07		01.559	
$SWITCHM4	B6A02-	B6A05-	02		00.432	
.	B6A05-	F6B05-	01		02.734	
.	F6B05-	F6B04-	02		00.125	
$SWITCHM6	B2C06-	C2E06-	01		00.984	
.	C2E06-	C6E01-	02		06.525	
.	C6E01-	G6A02-	07		02.125	
$SWITCHM7	B3D09-	C3E09-	07		00.859	
.	C3E09-	C5E13-	06		04.150	
.	C5E13-	F5E13-	07		01.984	
.	F5E13-	F6E02-	06		00.482	
$SWITCHM9	D4B10-	D4C10-	01		00.125	
.	D4C10-	D5C08-	02		01.650	

DATE - 04/29/86 - FIELD WIRE NET LIST -

PART NO. 000 6272786
EC NO. 000A29029A (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

NODE NAME CROSS REFERENCE (NET-TO-PIN)

ENG. NET NO.	FROM	TO	PL	WIR TYP	LENGTH	ENG. NET NO.	FROM	TO	PL	WIR TYP	LENGTH	ENG. NET NO.	FROM	TO	PL	WIR TYP	LENGTH
.	D5C08-	C5B08-	01		00.859												
$VREGON	G2B05-	J2E05-	01		01.734												
						J2E05-	J4E07-	02			03.857						
.	J4E07-	J4D07-	01		00.125												
.	J4D07-	J4D11-	06		00.557												
$VRFPSNSE	H1E13-	H3E11-	06		03.307												
.	H3E11-	G3B11-	07		01.059												
.	G3B11-	F3C11-	07		00.559												
.	F3C11-	F2C07-	06		02.307												
.	F2C07-	B2B07-	07		02.775												
$WCRASERR00	B3C09-	J3C09-	01		04.434												
.	J3C09-	J4C06-	02		01.432												
.	J4C06-	J4D06-	01		00.125												
$WCRASERR01	B2D04-	F2E05-	07		02.750												
.	F2E05-	F4E05-	06		03.607												
.	F4E05-	J4D05-	07		01.809												
$WCRASERR02	B3C07-	C3C07-	07		00.734												
.	C3C07-	C4C04-	06		01.432												
.	C4C04-	J4B04-	07		03.684												
$XXCYCSTM	B3C08-	F3C08-	07		02.559												
.	F3C08-	F4C11-	06		02.232												
.	F4C11-	E4D11-	07		00.559												
PA001AAB2	B6C02-	B6C03-	06		00.125 V												
SN001AAA3	D6E02-	D6E03-	06		00.125 V												
WR000BA10	J4B03-	J4B02-	06		00.125												
.	J4B02-	J4D02-	07		00.359												
.	J4D02-	J4D04-	06		00.307												
.	J4D04-	J4D08-	06		00.607 V												
.	J4D08-	J4E08-	07		00.125 V												
.	J4E08-	J4E11-	06		00.482												
.	J4E11-	J4B11-	07		00.434												
XB000ZZ0052	G4B11-	H4E11-	07		01.059												
.	H4E11-	H5E11-	06		01.850												
.	H5E11-	J5B11-	07		00.359 V												

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PART NO. 000 6272786
EC NO. 000A29029A (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

VOLTAGE DISTRIBUTION LIST

VOLT	PIN	PL	VOLT	PIN	PL	VOLT	PIN	PL	VOLT	PIN	PL	VOLT	PIN	PL	VOLT	PIN	PL	VOLT	PIN	PL
+00000	A1D11	03	+00000	G3D08	03	+05000	H2D03	03	-05000	G2B06	03									
.	A2B07	03	.	G4D08	03	.	H3D03	03	.	H2B06	03									
.	A2B13	03	.	G5D08	03	.	H4D03	03	.	H3B06	03									
.	A2D02	03	.	H2D08	03	.	H5D03	03	.	H4B06	03									
.	A2D08	03	.	H3D08	03	.	J3A01	03	.	H5B06	03									
.	A3B07	03	.	H4D08	03	.	J4A01	03	.	J3E01	03									
.	A3B13	03	.	H5D08	03	.	J4B08	03	.	J4B06	03									
.	A3D02	03	.	J2D08	03	.	J4D03	03	.	J4E01	03									
.	A3D08	03	.	J2E14	03	.	J5A01	03	.	J5B06	03									
.	A4B07	03	.	J3D08	03	.	J5D03	03	.	J5E01	03									
.	A4B13	03	.	J3E14	03	.	K2D03	03												
.	A4D02	03	.	J4D08	03	.	K3D03	03												
.	A4D08	03	.	J4E14	03	.	K4D03	03												
.	A5B07	03	.	J5B08	03	.	K5D03	03												
.	A5B13	03	.	J5B09	03	+08500	B2A14	03												
.	A5D02	03	.	J5B10	03	.	B3A14	03												
.	A5D08	03	.	J5B13	03	.	B4A14	03												
.	A6D02	03	.	J5D08	03	.	B4B11	03												
.	B1D13	03	.	J5D11	03	.	C3B11	03												
.	B1E11	03	.	J5D13	03	.	C4B11	03												
.	B2D08	03	.	J6B02	03	.	H2B11	03												
.	B2E14	03	.	K2D08	03	.	J2A14	03												
.	B3D08	03	.	K3D08	03	.	J3A14	03												
.	B3E14	03	.	K4D08	03	.	J4A14	03												
.	B4D08	03	.	K5D08	03	.	J5B11	03												
.	B4E14	03	+01700	G2D02	03	+10500	G2D04	03												
.	B5D08	03	.	J4B05	03	.	G2D05	03												
.	B6D04	03	+05000	B2D03	03	.	G2D06	03												
.	B6E02	03	.	B3A01	03	.	J4B12	03												
.	C1E13	03	.	B3D03	03	.	J4D12	03												
.	C2D08	03	.	B4A01	03	.	J5B02	03												
.	C3D08	03	.	B4D03	03	.	J5B04	03												
.	C4D08	03	.	B5A01	03	.	J5D02	03												
.	C5D08	03	.	B5D03	03	.	J5D04	03												
.	C6E04	03	.	C3D03	03	+15000	G2B02	03												
.	D2D08	03	.	C4D03	03	.	G2B03	03												
.	D3D08	03	.	D2D03	03	.	J6C02	03												
.	D4D08	03	.	D3D03	03	.	J6D02	03												
.	D5D08	03	.	D4D03	03	.	J6E02	03												
.	E2D08	03	.	D5D03	03	-05000	B2B06	03												
.	E3D08	03	.	D6E03	03	.	B3E01	03												
.	E4D08	03	.	E2D03	03	.	B4E01	03												
.	E5D08	03	.	E3D03	03	.	B5E01	03												
.	F1A11	03	.	E4D03	03	.	B6C03	03												
.	F2D08	03	.	E5D03	03	.	C3B06	03												
.	F3D08	03	.	F2D03	03	.	C4B06	03												
.	F4D08	03	.	F3D03	03	.	F2B06	03												
.	F5D08	03	.	F4D03	03	.	F3B06	03												
.	F6A02	03	.	F5D03	03	.	F4B06	03												
.	G2D08	03	.	G2D03	03	.	F5B06	03												

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PART NO. 000 6272786
EC NO. 000A29029A (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

NODE NAME CROSS REFERENCE (PIN-TO-NET)

PIN	NET	PIN	NET	PIN	NET	PIN	NET	PIN	NET
A1A11-	$DDXRDATR07	A3A03-	$DICBUS0000	A4C05-	$DICBUS1003	A5D10-	$DISTIN10	B2B11-	$DDLEDI01
A1A13-	$DDXRDATR06	A3A06-	$DICLKB00	A4C06-	$DICBUS1003	A5D11-	$DIREPI10	B2B12-	$DDLEDI00
A1C11-	$DDXRDATR00	A3A13-	$DISLOT00	A4C08-	$DICLKB10	A5D12-	$DISERC10	B2B13-	$DDWRDATA P
A1E10-	$DDXRDATR00	A3B02-	$DICBUS00 P	A4C09-	$DICMDO10	A5D13-	$DISERD10	B2C01-	$DICMDO00
A1E11-	$DDXRDATR00	A3B03-	$DICBUS0000	A4C10-	$DICMDO10	A5D14-	$DIGAPO10	B2C02-	$DICMDO00
A1E13-	$DDXRDATR06	A3B04-	$DICBUS0001	A4C12-	$DISLOT10	A5E01-	$DIGAPO10	B2C03-	$DIREPI00
A2A03-	$DICBUS0000	A3B05-	$DICBUS0002	A4C13-	$DICBUS1004	A5E02-	$DISERC10	B2C04-	$DIGAPO00
A2A04-	$DICBUS0000	A3B06-	$DICBUS0003	A4D03-	$DIADRO10	A5E09-	$DIADIN10	B2C05-	$DICBUS0000
A2A05-	$DICBUS0000	A3B08-	$DICBUS0004	A4D04-	$DICMDO10	A5E10-	$DISTIN10	B2C06-	$SWITCHM6
A2A06-	$DICLKB00	A3B09-	$DICBUS0005	A4D05-	$DICLKA10	A5E13-	$DISERD10	B2C07-	$SNTHREDB
A2A12-	$DISLOT00	A3B10-	$DICBUS0006	A4D06-	$DICLKB10	A6D04-	$DDPARSTM	B2C08-	$DDCLKB00
A2A13-	$DICBUS0005	A3B11-	$DICBUS0007	A4D07-	$DIGAPO10	A6E02-	$SPP5DCON	B2C09-	$DIADIN00
A2B02-	$DICBUS00 P	A3B12-	$DISLOT00	A4D09-	$DIADIN10	A6E04-	$DDLTCH00	B2C10-	$DDWRDATA08
A2B03-	$DICBUS0000	A3C02-	$DICBUS0007	A4D10-	$DISTIN10	B1A10-	$DDXRDATR06	B2C11-	$DDLEDI11
A2B04-	$DICBUS0001	A3C04-	$DICMDO00	A4D11-	$DIREPI10	B1A11-	$DDXRDATR07	B2C12-	$DDWRDATA02
A2B05-	$DICBUS0002	A3C05-	$DICBUS0002	A4D12-	$DISERC10	B1A13-	$DDCREG1M	B2C13-	$DICBUS0004
A2B06-	$DICBUS0003	A3C09-	$DICBUS0005	A4D13-	$DISERD10	B1A14-	$DDXRDATR05	B2D01-	$DRIVEID1
A2B08-	$DICBUS0004	A3C10-	$DISERC00	A4E04-	$DISERD10	B1B10-	$DDXRDATR03	B2D02-	$DIADRO00
A2B09-	$DICBUS0005	A3C11-	$DICBUS0007	A4E05-	$DICLKA10	B1B11-	$DDXRDATR05	B2D04-	$WCRASERR01
A2B10-	$DICBUS0006	A3D03-	$DIADRO00	A4E06-	$DIADIN10	B1B12-	$DDPUFFER	B2D05-	$DICBUS0001
A2B11-	$DICBUS0007	A3D04-	$DICMDO00	A4E07-	$DISTIN10	B1B13-	$DDXRDATR03	B2D06-	$CAPAER00
A2B12-	$DISLOT00	A3D05-	$DICLKA00	A4E08-	$DICBUS1004	B1C10-	$DDXRDATR03	B2D07-	$DICBUS0002
A2C01-	$DICMDO00	A3D06-	$DICLKB00	A4E10-	$DICLKA10	B1C11-	$DDXRDATR04	B2D09-	$DISERD00
A2C03-	$DICBUS00 P	A3D07-	$DIGAPO00	A4E12-	$DISERC10	B1C12-	$SNCARTPR	B2D10-	$DDLEDI12
A2C04-	$DICBUS0001	A3D09-	$DIADIN00	A4E13-	$DICBUS1004	B1C13-	$DDXRDATR02	B2D11-	$DDLEDI04
A2C05-	$DICBUS0001	A3D10-	$DISTIN00	A5A02-	$DICBUS10 P	B1D10-	$DDXRDATR01	B2D12-	$SNSKDORS
A2C07-	$DICBUS0002	A3D11-	$DIREPI00	A5A10-	$DDXRDATR07	B1D11-	$DDXRDATR01	B2D13-	$DICBUS0005
A2C09-	$DICBUS0006	A3D12-	$DISERC00	A5A11-	$DDXRDATR06	B1D12-	$DDXRDATR01	B2E08-	$DICBUS0004
A2C10-	$DICBUS0006	A3D13-	$DISERD00	A5B02-	$DICBUS10 P	B1D14-	$DDXRDATR05	B2E09-	$DISERD00
A2C13-	$DICBUS0005	A3E04-	$DICBUS0001	A5B03-	$DICBUS1000	B1E12-	$DDXRDATR02	B2E13-	$DICBUS0004
A2D03-	$DIADRO00	A3E05-	$DICLKA00	A5B04-	$DICBUS1001	B2A01-	$DDXRDATR04	B3A02-	$DICBUS0007
A2D04-	$DICMDO00	A3E06-	$DICBUS0003	A5B05-	$DICBUS1002	B2A03-	$DIREPI00	B3A08-	$DICBUS0004
A2D05-	$DICLKA00	A3E12-	$DICLKA00	A5B06-	$DICBUS1003	B2A04-	$DIREPI00	B3A09-	$DIADIN00
A2D06-	$DICLKB00	A4A04-	$DICBUS1006	A5B08-	$DICBUS1004	B2A05-	$DICBUS0002	B3A10-	$DICBUS0006
A2D07-	$DIGAPO00	A4A05-	$DICBUS1006	A5B09-	$DICBUS1005	B2A06-	$DICBUS0003	B3A11-	$DIREPI00
A2D09-	$DIADIN00	A4A06-	$DICBUS10 P	A5B10-	$DICBUS1006	B2A07-	$DICBUS0002	B3A13-	$DICLKA00
A2D10-	$DISTIN00	A4A10-	$DICBUS1006	A5B11-	$DICBUS1007	B2A08-	$DICBUS0003	B3B02-	$DICBUS0007
A2D11-	$DIREPI00	A4B02-	$DICBUS10 P	A5B12-	$DISLOT10	B2A09-	$DICBUS0006	B3B03-	$SLBUS 03
A2D12-	$DISERC00	A4B03-	$DICBUS1000	A5C02-	$DISERC10	B2A10-	$DIADIN00	B3B05-	$MDERRORP
A2D13-	$DISERD00	A4B04-	$DICBUS1001	A5C04-	$DICBUS1007	B2A11-	$DICBUS0007	B3B06-	$SNMACTAC
A2E02-	$DISTIN00	A4B05-	$DICBUS1002	A5C08-	$DICBUS1004	B2A13-	$DICBUS0004	B3B07-	$SNDADRH0
A2E03-	$DISTIN00	A4B06-	$DICBUS1003	A5C11-	$DICBUS1007	B2B01-	$DDXRDATR04	B3B08-	$SLBUS 02
A2E04-	$DIGAPO00	A4B08-	$DICBUS1004	A5C12-	$DISLOT10	B2B02-	$DICBUS00 P	B3B09-	$CARMPB00
A2E05-	$DICBUS0001	A4B09-	$DICBUS1005	A5C13-	$DDXRDATR00	B2B03-	$DISTIN00	B3B10-	$SWITCHM1
A2E06-	$DICLKA00	A4B10-	$DICBUS1006	A5D03-	$DIADRO10	B2B04-	$CAPRTE00	B3B11-	$DDBSEL00
A2E07-	$DIGAPO00	A4B11-	$DICBUS1007	A5D04-	$DICMDO10	B2B05-	$CAFMPB00	B3B12-	$DDXRDATR P
A2E08-	$DICBUS0003	A4B12-	$DISLOT10	A5D05-	$DICLKA10	B2B07-	$VRFPSNSE	B3B13-	$DICLKA00
A2E09-	$DISERD00	A4C02-	$DICBUS1001	A5D06-	$DICLKB10	B2B08-	$DICBUS0003	B3C02-	$DDWRDATA06
A2E11-	$DIREPI00	A4C03-	$DICBUS1005	A5D07-	$DIGAPO10	B2B09-	$DICBUS0006	B3C03-	$DDLEDI02
A2E13-	$DISERD00	A4C04-	$DICBUS1001	A5D09-	$DIADIN10	B2B10-	$CAINER00	B3C04-	$SNMACTAB

DATE - 04/29/86 - FIELD WIRE NET LIST -

PART NO. 000 6272786
EC NO. 000A29029A (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

NODE NAME CROSS REFERENCE (PIN-TO-NET)

PIN	NET	PIN	NET	PIN	NET	PIN	NET	PIN	NET
B3C05-	$DDCREG2M	B4C09-	$DDWRDATA07	B5C12-	$DDXRDATR01	C2A12-	$SNSKDORS	C5C09-	$DDASEL00
B3C06-	$SLBUS 00	B4C10-	$DICLKA10	B5C13-	$DDXRDATR03	C2B01-	$SLLEDI07	C5C12-	$DDRAEN00
B3C07-	$WCRASERR02	B4C11-	$DDBIAS00	B5C14-	$DRIVEID0	C2C03-	$DDASEL00	C5C13-	$DDXRDATR03
B3C08-	$XXCYCSTM	B4C12-	$SNCARTPR	B5D02-	$DDTRAYSN	C2C04-	$CAPRTE00	C5C14-	$DDTRAYSN
B3C09-	$WCRASERR00	B4C13-	$DDXRDATR05	B5D04-	$DDMDLDPM	C2C05-	$CAFMPB00	C5D02-	$SNEXITSN
B3C10-	$SNCARTLD	B4D02-	$DICBUS1001	B5D05-	$DDWENB00	C2E06-	$SWITCHM6	C5D03-	$SLLEDI04
B3C11-	$DDSLED00	B4D04-	$CAPORSTM	B5D06-	$DDLITERP	C2E10-	$CAINER00	C5D04-	$SNSTGMTR
B3C12-	$DRIVEID0	B4D05-	$DICBUS1003	B5D07-	$DDLTCH00	C3A03-	$DIADRO00	C5D05-	$SNPCKTRY
B3C13-	$DISLOT00	B4D06-	$DIADIN10	B5D09-	$DDASEL00	C3A06-	$SLBUS 00	C5D06-	$SNACCPOS
B3D02-	$DDWRDATA04	B4D07-	$DDMSCLKM	B5D10-	$DDXRDATR07	C3A07-	$DIGAPO00	C5D07-	$SNCRTGRP
B3D04-	$SLBUS 01	B4D09-	$DICLKB10	B5D11-	$SNDADR02	C3C07-	$WCRASERR02	C5D09-	$SNSKDORS
B3D05-	$DDLEDI06	B4D10-	$DDWRDATA01	B5D12-	$DRIVEID2	C3C12-	$DDXRDATR P	C5D10-	$SNSKDORS
B3D06-	$DICLKB00	B4D11-	$DDWRDATA05	B5D13-	$DDXRDATR02	C3E03-	$DDLEDI02	C5D11-	$SNPCKSTK
B3D07-	$SWITCHM0	B4D12-	$DISLOT10	B5D14-	$DDTRAYSN	C3E05-	$DDLEDI06	C5D13-	$SLDRIVEM
B3D09-	$SWITCHM7	B4D13-	$DDMDCLKP	B5E03-	$DIADRO10	C3E09-	$SWITCHM7	C5E02-	$SNEXITSN
B3D10-	$DISERC00	B4E02-	$DIADRO10	B5E05-	$DICLKA10	C3E12-	$DDLEDI06	C5E04-	$DDRAEN00
B3D11-	$DRIVEID1	B4E05-	$SLBUS 03	B5E06-	$DICLKB10	C4A02-	$SLBUS 00	C5E05-	$DDPUFFER
B3D12-	$DDLTCC00	B4E06-	$DIADIN10	B5E09-	$DDXRDATR04	C4A05-	$DICBUS1002	C5E06-	$DDPUFFER
B3D13-	$SWITCHM3	B4E09-	$DIADIN10	B5E10-	$DDDRIVEM	C4A09-	$DDRASDAT01	C5E07-	$SNCRTGRP
B3E02-	$SLBUS 01	B4E10-	$DICLKA10	B5E12-	$DRIVEID2	C4A11-	$DDWRDATA05	C5E11-	$DDXRDATR06
B3E03-	$SLBUS 03	B4E13-	$DDXRDATR04	B5E13-	$DDXRDATR02	C4C02-	$DICBUS1001	C5E12-	$DDRAEN00
B3E04-	$SLBUS 01	B5A04-	$DICBUS1007	B6A02-	$SWITCHM4	C4C03-	$DICBUS1000	C5E13-	$SWITCHM7
B3E12-	$DISERC00	B5A06-	$DICBUS1003	B6A04-	$DDLTCC00	C4C04-	$WCRASERR02	C6A01-	$CAPORSTP
B3E13-	$DISERD00	B5A08-	$DICBUS1005	B6A05-	$SWITCHM4	C4C07-	$DDXRDATR03	C6A02-	$CAPORSTP
B4A02-	$DICBUS10 P	B5A09-	$DDXRDATR04	B6B02-	$DDRSETAM	C4E02-	$SNEXITSN	C6A03-	$CAINER00
B4A03-	$DICBUS1005	B5A11-	$DIREPI10	B6B03-	$SNCARTPR	C4E07-	$DIREPI10	C6A04-	$CAINER00
B4A04-	$DISERD10	B5A14-	$SNFRTACA	B6C01-	$DDRSETAM	C4E08-	$SNCRTGRP	C6A05-	$SNDADR02
B4A05-	$DICBUS1003	B5B02-	$DIGAPO10	B6C02-	PA001AAB2	C4E10-	$DDXRDATR06	C6B02-	$CAPORSTM
B4A06-	$DICBUS10 P	B5B03-	$SNFRTACB	V B6C03-	PA001AAB2	C4E11-	$DIREPI10	C6B03-	$SNCARTPR
B4A07-	$DISTIN10	B5B04-	$DICBUS1007	B6C05-	$DDPARSTM	C5A03-	$DDRASDAT01	C6B04-	$CARMPB00
B4A10-	$DISTIN10	B5B05-	$DDPUFFER	B6D01-	$CAPAER00	C5A05-	$DICBUS1002	C6C02-	$DDTRAYSN
B4A11-	$DICBUS1007	B5B06-	$SNDADR01	B6D02-	$CATRPORM	C5A07-	$DDWRDATA05	C6C03-	$SNCARTPR
B4B02-	$SNTHREDA	B5B07-	$DDMDLODM	B6D03-	$DDLTCC00	C5A09-	$SNSKDORS	C6C04-	$CAFMPB00
B4B03-	$DDCLAMPM	B5B08-	$DDLDFUNP	B6D05-	$DDLTCH00	C5A10-	$DDSLEN00	C6D01-	$CAPAER00
B4B04-	$DISERD10	B5B09-	$DDXRDATR04	B6E01-	$DDLEDI04	C5A11-	$SNDADR02	C6D03-	$DDLEDI02
B4B05-	$DICBUS1002	B5B10-	$DDSLEN00	B6E03-	$DRIVEID2	C5A12-	$DDXRDATR01	C6D04-	$CAPAER00
B4B06-	$DDRASDAT00	B5B11-	$DDXRDATR06	B6E05-	$DDDRIVEM	C5B02-	$SLLEDI03	C6E01-	$SWITCHM6
B4B07-	$DIREPI10	B5B12-	$DDRAEN00	C1A10-	$DDXRDATR01	C5B03-	$SNSTGPOS	C6E03-	$CAINER00
B4B08-	$DDWRDATA03	B5B13-	$DDXRDATR00	C1A11-	$DDSLEN00	C5B04-	$SLLEDI05	C6E05-	$DDLEDI01
B4B09-	$DDRASDAT01	B5B14-	$DIGAPO10	C1B11-	$DDRAEN00	C5B05-	$SLLEDI01	D1A11-	$DDMDLODM
B4B10-	$DICMDO10	B5C02-	$DISERC10	C1B14-	$SNSTGPOS	C5B06-	$SLLEDI02	D1A13-	$DDLDFUNP
B4B12-	$SNFRTACA	B5C03-	$DDPARSTM	C1C11-	$DDGATTNM	C5B07-	$SLLEDI00	D1A14-	$DDCREG1M
B4B13-	$DICBUS1004	B5C04-	$DDRSETAM	C1C13-	$DDXRDATR P	C5B08-	$SWITCHM9	D1B10-	$SLBUS 01
B4C02-	$DIADRO10	B5C05-	$DDCREG1M	C1D11-	$CAPRTE00	C5B09-	$SLLEDI07	D1B14-	$SNSTGPOS
B4C03-	$DICBUS1000	B5C06-	$DDDSEA00	C1D13-	$DDCREG2M	C5B10-	$SLLEDI06	D1C13-	$DDCREG2M
B4C04-	$DICBUS1005	B5C07-	$DDGATTNM	C1E11-	$DDPUFFER	C5B11-	$SLLEDI08	D1D13-	$SWITCHM0
B4C05-	$DICBUS1006	B5C08-	$DDMDRSTP	C1E12-	$DDPUFFER	C5B14-	$CAPORSTM	D1E11-	$DDSLED00
B4C06-	$DICBUS10 P	B5C09-	$DRIVEID3	C2A02-	$DIADRO00	C5C03-	$DICBUS1000	D1E14-	$CAPORSTM
B4C07-	$DISTIN10	B5C10-	$DDDRIVEM	C2A03-	$SLLEDI02	C5C04-	$DICBUS1001	D2A11-	$DDLEDI01
B4C08-	$DDWRDATA00	B5C11-	$SNDADR00	C2A04-	$DIGAPO00	C5C07-	$DDGATTNM	D2B02-	$SLLEDI00

DATE - 04/29/86 - FIELD WIRE NET LIST -

PART NO. 000 6272786
EC NO. 000A29029H (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

NODE NAME CROSS REFERENCE (PIN-TO-NET)

PIN	NET	PIN	NET	PIN	NET	PIN	NET	PIN	NET
D2B03-	$SLLEDI01	D4D12-	$DDXRDATR P	E1D11-	$DDXRDATR01	F1D11-	$DDMDLODM	F6D04-	$DRIVEID2
D2B04-	$SLLEDI02	D4D13-	$DDXRDATR04	E1D12-	$DDXRDATR01	F1D13-	$DDLDFUNP	F6E02-	$SWITCHM7
D2B05-	$SLLEDI03	D4E03-	$CAPORSTM	E1D13-	$SWITCHM0	F1E10-	$DDXRDATR06	F6E04-	$DRIVEID3
D2B07-	$SLLEDI04	D4E05-	$SNACCPOS	E1D14-	$DRIVEID1	F1E11-	$DDXRDATR06	G1A11-	$DDXRDATR07
D2B08-	$SLLEDI05	D4E09-	$DDWRDATA07	E1E11-	$DDMDRSTP	F1E12-	$CATRPORM	G1A13-	$DDMDCLKP
D2B11-	$SLDRIVEM	D4E10-	$DDWRDATA01	E1E13-	$DDMDLDPM	F1E13-	$DDXRDATR03	G1E13-	$SLBUS 03
D2C02-	$SLLEDI08	D5A03-	$DDWRDATA00	E2A04-	$CAPORSTP	F2A01-	$SNSKDORS	G2B04-	$CAPORSTP
D2C11-	$DDRASDAT00	D5A05-	$DDCREG1M	E2A12-	$DDWRDATA02	F2A06-	$SLLEDI04	G2B05-	$VREGON
D2C12-	$DDLEDI00	D5A07-	$DDMDLODM	E2D01-	$SLLEDI00	F2A07-	$SNTHREDB	G2B07-	$RBUS9AR P
D2D01-	$SLLEDI07	D5A08-	$DDLDFUNP	E2E03-	$SLLEDI01	F2A08-	$SNTHREDB	G2B08-	$RBUS9BL P
D2D02-	$SLLEDI08	D5A11-	$SNPCKSTK	E2E11-	$DDLEDI11	F2A12-	$SNSKDORS	G2B09-	$RBUS9BR P
D2D04-	$SLLEDI07	D5A13-	$SLDRIVEM	E3A02-	$DDWRDATA04	F2C05-	$SLLEDI06	G2B10-	$RBUS9BR M
D2D05-	$SLLEDI06	D5B04-	$DDRAEN00	E3A06-	$SNMACTAC	F2C07-	$VRFPSNSE	G2B11-	$IFWPOR00
D2E01-	$CAPORSTM	D5B05-	$CAPORSTM	E3A13-	$SWITCHM3	F2C08-	$SNTHREDB	G2B12-	$RBUS8AR M
D2E10-	$DDLEDI12	D5B07-	$DDPARSTM	E3C10-	$SWITCHM1	F2C10-	$DDWRDATA08	G2B13-	$RBUS8AR P
D3A05-	$DDCREG2M	D5B08-	$DDLITERP	E3E07-	$SNDADRH0	F2E05-	$WCRASERR01	G2D01-	$RSENSE
D3A09-	$CARMPB00	D5B14-	$CAPORSTM	E4C03-	$DDCLAMPM	F2E06-	$SLLEDI03	V G2D02-	$RSENSE
D3B02-	$SLBUS 01	D5C03-	$DDPARSTM	E4C06-	$SNPCKTRY	F2E08-	$SLLEDI05	G2D07-	$RBUS9AR M
D3C05-	$DDCREG2M	D5C04-	$SNSTGMTR	E4C07-	$DDMSCLKM	F3A02-	$DDWRDATA06	G2D09-	$RBUS9BL M
D3C07-	$SWITCHM0	D5C05-	$DDWENB00	E4D11-	$XXCYCSTM	F3A04-	$SNMACTAB	G2D10-	$RBUS8BR P
D3C08-	$SLBUS 02	D5C07-	$DDPARSTM	E5A02-	$DDWRDATA04	F3A05-	$MDERRORP	G2D11-	$RBUS8BR M
D3C10-	$SLBUS 02	D5C08-	$SWITCHM9	E5A03-	$SNFRTACB	F3A11-	$SNCARTLD	G2D12-	$RBUS8AL M
D3C11-	$DDSLED00	D5C11-	$SLLEDI08	E5A05-	$DDWRDATA02	F3A12-	$DDXRDATR P	G2D13-	$RBUS8AL P
D3E10-	$SNCARTLD	D5D11-	$DDXRDATR00	E5C05-	$SNPCKTRY	F3C02-	$SLBUS 03	G3B02-	$RBUS7BR M
D3E11-	$DDSLED00	D5D12-	$DDXRDATR01	E5C06-	$DDLITERP	F3C08-	$XXCYCSTM	G3B03-	$RBUS7BL M
D3E12-	$DDLEDI06	D5D13-	$DDXRDATR02	E5C07-	$SLLEDI00	F3C11-	$VRFPSNSE	G3B04-	$RBUS7BL P
D4A06-	$DDCREG2M	D5D14-	$DDLEDI12	E5D14-	$DRIVEID0	F4A08-	$DDWRDATA03	G3B05-	$RBUS7AR M
D4A08-	$DDWRDATA00	D5E05-	$DDWRDATA01	E5E02-	$DDLEDI11	F4A12-	$DDXRDATR P	G3B07-	$RBUS6BR P
D4B02-	$SNEXITSN	D5E06-	$SNACCPOS	E5E04-	$DDMDLDPM	F4C02-	$SLBUS 00	G3B08-	$RBUS6BL P
D4B03-	$SNSTGPOS	D5E07-	$DDLITERP	E5E05-	$SLLEDI01	F4C11-	$XXCYCSTM	G3B09-	$RBUS6BL M
D4B04-	$SNSTGMTR	D5E08-	$DDLITERP	E5E06-	$SNDADR01	F4E05-	$WCRASERR01	G3B10-	$RBUS6AL P
D4B05-	$SNACCPOS	D5E10-	$DDXRDATR07	E5E08-	$DDMDRSTP	F4E10-	$CATRPORM	G3B11-	$VRFPSNSE
D4B06-	$SNPCKTRY	D5E12-	$DDWRDATA07	E6A01-	$CAPORSTP	F5A02-	$DDLEDI11	G3B12-	$RBUS5BL P
D4B07-	$SNPCKSTK	D5E13-	$SNCARTLD	E6A03-	$DDLEDI06	F5A03-	$SLLEDI04	G3B13-	$RBUS5BL M
D4B08-	$SNCRTGRP	D5E14-	$SNFRTACA	E6A04-	$SNFRTACB	F5A06-	$DDWRDATA03	G3D02-	$RBUS7BR P
D4B09-	$CATRPORM	D6A04-	$CARMPB00	E6B03-	$SPP5DCON	F5A09-	$DDWRDATA06	G3D04-	$RBUS7AR P
D4B10-	$SWITCHM9	D6B02-	$CATRPORM	E6B04-	$SNMACTAC	F5A14-	$DDLEDI11	G3D05-	$RBUS7AL M
D4C04-	$SLBUS 02	D6B04-	$DDLEDI00	E6C04-	$DDCLAMPM	F5C10-	$SLLEDI06	G3D06-	$RBUS7AL P
D4C06-	$DDRASDAT00	D6C01-	$DDWENB00	E6D02-	$DDSLED00	F5C12-	$SNDADR00	G3D07-	$RBUS6BR M
D4C10-	$SWITCHM9	D6C02-	$DDSLED00	E6D04-	$DRIVEID0	F5C14-	$DDWRDATA08	G3D09-	$RBUS6AR M
D4C11-	$DDBIAS00	D6E02-	SN001AAA3	E6E01-	$SNDADR01	F5E04-	$SLLEDI05	G3D10-	$RBUS6AR P
D4C13-	$DDBIAS00	V D6E03-	SN001AAA3	E6E02-	$SNDADRH0	F5E09-	$DRIVEID3	G3D11-	$RBUS6AL M
D4D02-	$SLBUS 00	D6E04-	$SNFRTACA	E6E04-	$DRIVEID1	F5E13-	$SWITCHM7	G3D12-	$RBUS5BR M
D4D04-	$SLBUS 02	E1A11-	$SWITCHM3	F1A10-	$SNCARTLD	F6A04-	$SNMACTAB	G3D13-	$RBUS5BR P
D4D05-	$SLBUS 03	E1A13-	$CAPORSTP	F1A13-	$MDERRORP	F6B04-	$SWITCHM4	G3E02-	$SLBUS 03
D4D06-	$DDCREG2M	E1B11-	$SWITCHM1	F1B11-	$DDXRDATR04	F6B05-	$SWITCHM4	G4A02-	$SNTHREDA
D4D07-	$DDXRDATR03	E1B13-	$DDMSCLKM	F1B13-	$DDXRDATR02	F6C02-	$SNDADR00	G4A13-	$DDMDCLKP
D4D09-	$DDXRDATR05	E1C10-	$DDXRDATR00	F1C11-	$DDXRDATR05	F6C03-	$SNTHREDB	G4B02-	$RBUS5AR P
D4D10-	$DDXRDATR06	E1C11-	$DDXRDATR00	F1C12-	$SLBUS 00	F6D01-	$SNDADR01	G4B03-	$RBUS5AL P
D4D11-	$DDXRDATR07	E1C13-	$DDLITERP	F1C13-	$DDXRDATR P	F6D02-	$SNDADR01	G4B04-	$RBUS4BL M

DATE - 04/29/86 - FIELD WIRE NET LIST -

PART NO. 000 6272786
EC NO. 000A29029H (42) LOCATION 2A-A1 DIMENSIONS ARE ENGLISH (IN)

NODE NAME CROSS REFERENCE (PIN-TO-NET)

PIN	NET	PIN	NET	PIN	NET	PIN	NET	PIN	NET
G4B05-	$RBUS4BL P	H1D11-	$SNCARTLD	H4B05-	$RBUS4BL P	J1B10-	$SLBUS 01	J5B12-	$DDWRDATA08
G4B07-	$RBUS4AR P	H1D13-	$CAPORSTM	H4B07-	$RBUS4AL M	J1B11-	$J2D08	J5B14-	$DDWRDATA08
G4B08-	$RBUS4AL M	H1E11-	$CATRPORM	H4B08-	$RBUS4AR M	J1B13-	$SLBUS 01	J5C05-	$CAPORSTM
G4B09-	$RBUS4AL P	H1E12-	$CATRPORM	H4B09-	$RBUS4AL P	J1C11-	$J2D08	J5C06-	$DDDSEA00
G4B10-	$RBUS3BL M	H1E13-	$VRFPSNSE	H4B10-	$RBUS3BL M	J1C13-	$SLBUS 02	J5C11-	$DDXRDATR00
G4B11-	XB000ZZ0052	H2B02-	$RBUS8BR M	H4B12-	$RBUS3AL M	J1D11-	$J2D08	J5C13-	$DDXRDATR00
G4B12-	$RBUS3AL M	H2B03-	$DDASEL00	H4B13-	$RBUS3AL P	J1D13-	$SLBUS 03	J5D05-	$DDWRDATA02
G4B13-	$RBUS3AL P	H2B04-	$RBUS8BR P	H4D02-	$RBUS5AR M	J2A06-	$DDBIAS00	J5D06-	$DDWRDATA03
G4C09-	$DDXRDATR05	H2B05-	$RBUS9AR M	H4D04-	$RBUS5AL M	J2A08-	$DDCLKB00	J5D07-	$DDWRDATA04
G4C13-	$DDXRDATR05	H2B07-	$RBUS9AR P	H4D05-	$RBUS4BR P	J2B01-	$RSENSE	J5D09-	$DDWRDATA06
G4D02-	$RBUS5AR M	H2B08-	$RBUS9BL P	H4D06-	$RBUS4BR M	J2C10-	$DDBSEL00	J5D12-	$DDWRDATA07
G4D04-	$RBUS5AL M	H2B09-	$RBUS9BR P	H4D07-	$RBUS4AR P	J2C11-	$IFWPOR00	J5D14-	$DDLEDI12
G4D05-	$RBUS4BR P	H2B10-	$RBUS9BR M	H4D09-	$RBUS3BL P	V J2D08-	$J2D08	J5E02-	$DDWRDATA04
G4D06-	$RBUS4BR M	H2B12-	$RBUS8AR M	H4D10-	$RBUS3BR P	J2E05-	$VREGON	J5E07-	$DDWRDATA04
G4D07-	$RBUS4AR M	H2B13-	$RBUS8AR P	H4D11-	$RBUS3BR M	J3C09-	$WCRASERR00	J6A02-	$SNCARTLD
G4D09-	$RBUS3BL P	H2D01-	$CAPORSTM	H4D12-	$RBUS3AR M	J3C10-	$SLBUS 02	J6A04-	$DDLEDI11
G4D10-	$RBUS3BR P	H2D02-	$RBUS8BL P	H4D13-	$RBUS3AR P	J3C12-	$DDBSEL00	J6B04-	$DDDRIVEM
G4D11-	$RBUS3BR M	H2D04-	$RBUS8BL M	H4E11-	XB000ZZ0052	J4A13-	$DDBIAS00	J6B05-	$DDDRIVEM
G4D12-	$RBUS3AR M	H2D05-	$RBUS9AL M	H5B02-	$RBUS1AL P	J4B02-	WR000BA10	J6C01-	$DDLEDI04
G4D13-	$RBUS3AR P	H2D06-	$DDBIAS00	H5B03-	$DDRASDAT01	J4B03-	WR000BA10	J6C04-	$DDLEDI04
G5A01-	$SLLEDI03	H2D07-	$RBUS9AL P	H5B04-	$RBUS1AL M	J4B04-	$WCRASERR02	J6D01-	$DDWENB00
G5B02-	$RBUS1AR M	H2D09-	$RBUS9BL M	H5B05-	$RBUS1BR P	V J4B05-	$RSENSE	J6D04-	$DDLEDI12
G5B03-	$RBUS8BL P	H2D10-	$DDBSEL00	H5B07-	$RBUS1BR M	J4B07-	$DDMDCLKP	K1A11-	$SNSKDORS
G5B04-	$RBUS8BL M	H2D11-	$DDRASDAT00	H5B09-	$RBUS2AR M	J4B09-	$IFWPOR00	K1A14-	$DDMDCLKP
G5B05-	$RBUS1BR P	H2D12-	$RBUS8AL M	H5B10-	$RBUS2AR P	J4B10-	$DDCLKB00	K2A01-	$SNSKDORS
G5B07-	$RBUS1BL P	H2D13-	$RBUS8AL P	H5B12-	$RBUS2BR P	J4B11-	WR000BA10	K2A14-	$DDWRDATA P
G5B08-	$RBUS9AL M	H3B02-	$RBUS7BL M	H5B13-	$RBUS2BR M	J4B13-	$DDBIAS00	K4A07-	$DDMDCLKP
G5B09-	$RBUS2AR M	H3B03-	$RBUS7BL P	H5D02-	$RBUS1AR P	J4C04-	$CAPORSTM		
G5B10-	$RBUS2AR P	H3B04-	$RBUS7AR P	H5D04-	$RBUS1AR M	J4C06-	$WCRASERR00		
G5B12-	$RBUS2BR P	H3B05-	$RBUS7AR M	H5D05-	$RBUS1BL P	J4C09-	$IFWPOR00		
G5B13-	$RBUS2BR M	H3B07-	$RBUS6BL P	H5D06-	$DDPUFFER	J4C10-	$DDDSEA00		
G5B14-	$DDLEDI11	H3B08-	$RBUS6BR P	H5D07-	$RBUS1BL M	J4D02-	WR000BA10		
G5D02-	$RBUS1AR P	H3B09-	$RBUS6BL M	H5D09-	$RBUS2AL P	J4D04-	WR000BA10		
G5D04-	$RBUS1AL P	H3B10-	$RBUS6AL P	H5D10-	$RBUS2AL M	J4D05-	$WCRASERR01		
G5D05-	$RBUS1AL M	H3B12-	$RBUS5BL P	H5D11-	$SPP5DCON	J4D06-	$WCRASERR00		
G5D06-	$RBUS1BR M	H3B13-	$RBUS5BL M	H5D12-	$RBUS2BL P	J4D07-	$VREGON		
G5D07-	$RBUS1BL M	H3D02-	$RBUS7BR P	H5D13-	$RBUS2BL M	V J4D08-	WR000BA10		
G5D09-	$RBUS9AL P	H3D04-	$RBUS7BR M	H5E11-	XB000ZZ0052	J4D09-	$DDWENB00		
G5D10-	$RBUS2AL P	H3D05-	$RBUS7AL M	H6A01-	$SNTHREDA	J4D10-	$DDDSEA00		
G5D11-	$RBUS2AL M	H3D06-	$RBUS7AL P	H6A02-	$SNTHREDA	J4D11-	$VREGON		
G5D12-	$RBUS2BL P	H3D07-	$RBUS6BR M	H6A04-	$DDLEDI00	J4D13-	$DDWRDATA P		
G5D13-	$RBUS2BL M	H3D09-	$RBUS6AR M	H6B02-	$SNTHREDB	J4E07-	$VREGON		
G6A01-	$SNTHREDA	H3D10-	$RBUS6AR P	H6B03-	$SNTHREDB	J4E08-	WR000BA10		
G6A02-	$SWITCHM6	H3D11-	$RBUS6AL M	H6B04-	$DDLEDI01	J4E11-	WR000BA10		
G6A04-	$SNDADR02	H3D12-	$RBUS5BR M	H6C02-	$SNCARTPR	J4E13-	$DDWRDATA P		
G6A05-	$SNDADR02	H3D13-	$RBUS5BR P	H6C04-	$DDLEDI02	J5A13-	$SNCARTLD		
G6B05-	$DDLEDI11	H3E11-	$VRFPSNSE	H6D03-	$SPP5DCON	J5B03-	$DDWRDATA00		
H1C11-	$SNCARTPR	H4B02-	$RBUS5AR P	H6E04-	$DDLEDI06	J5B05-	$DDWRDATA01		
H1C12-	$SNCARTPR	H4B03-	$RBUS5AL P	J1A11-	$J2D08	J5B07-	$DDWRDATA05		
H1D10-	$SNCARTLD	H4B04-	$RBUS4BL M	J1A13-	$SLBUS 00	V J5B11-	XB000ZZ0052		