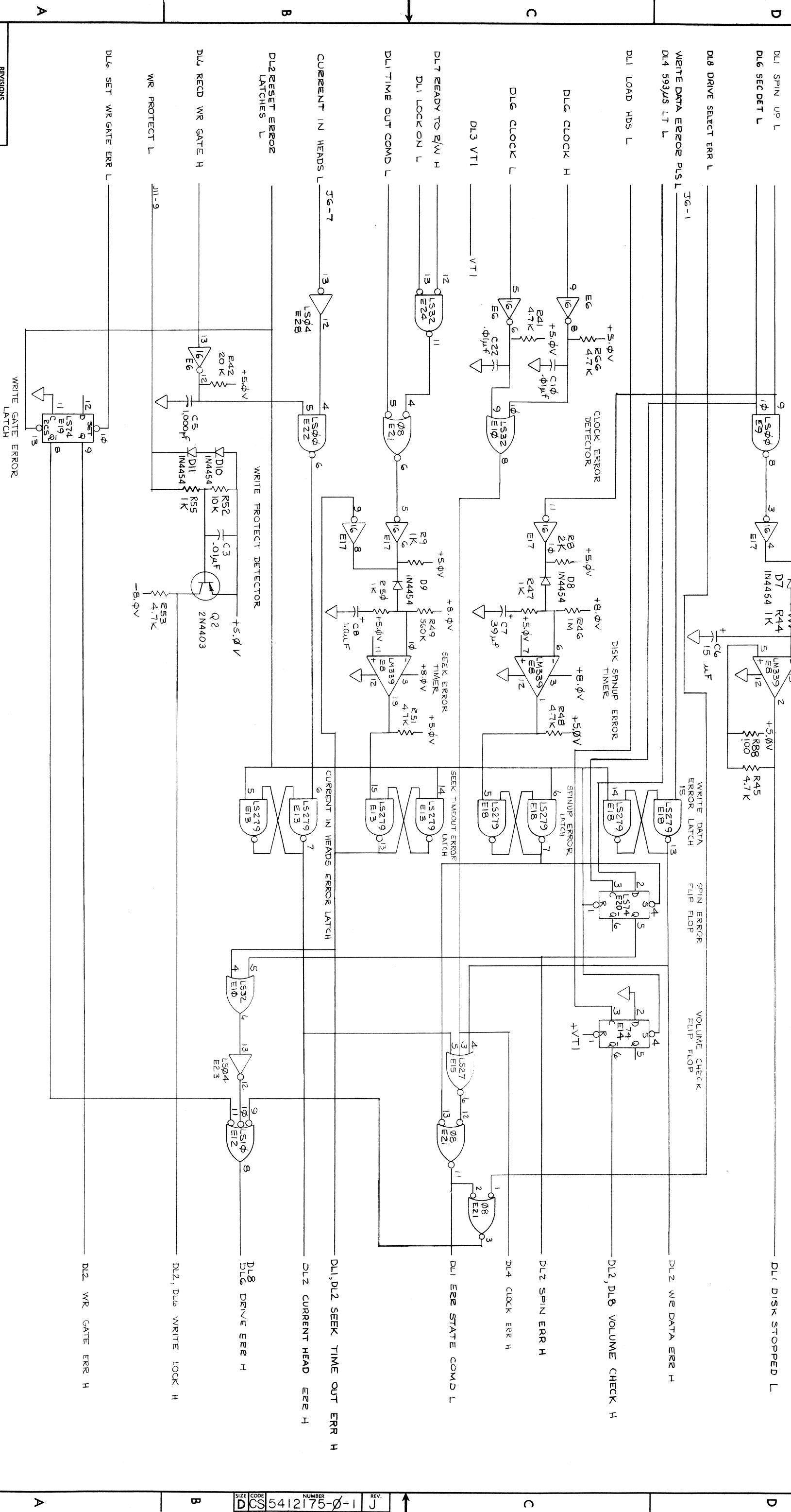




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REVISIONS	
CHK	REV.

TITLE		SIZE		NUMBER		REV.	
DRIVE LOGIC		CS		5412175-0-1		J	
(ERROR LOGIC) (DL5)		D		CS		5412175-0-1	
SCALE		SHEET		OF		DIST	
8		7		6		5	
4		3		2		1	

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8

7

6

5

4

3

1-φ-5412175-532

2

1

DL2 RESET ERROR LATCHES L

DL6 ENABLE INTERFACE H

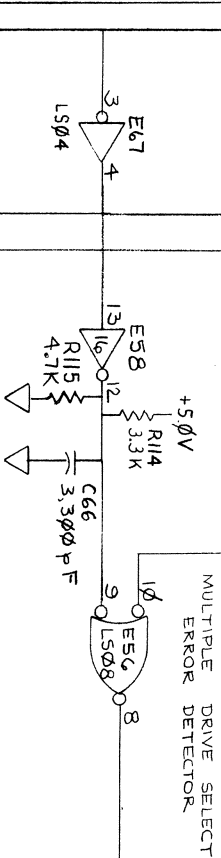
DL7 SEC PLS H

DRIVE SELECT / PARTIAL SECTOR PULSE DISABLE

SECTOR PULSE LINE DRIVER

J12-MM DRIVE SECTOR PLS L

J12-NN DRIVE SECTOR PLS H

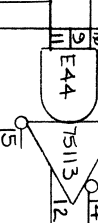
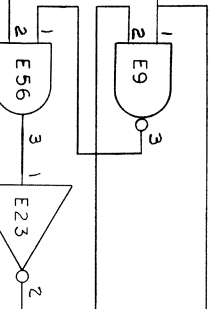


DL6 VT3 _____ VT3
DL6 -5.0V _____ -5.0V

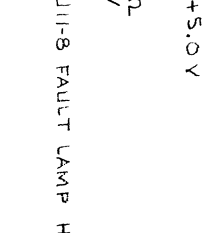
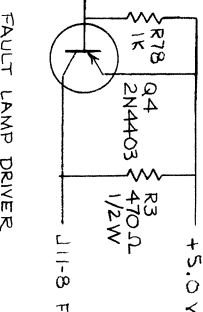
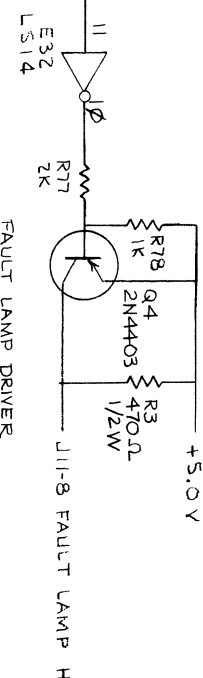
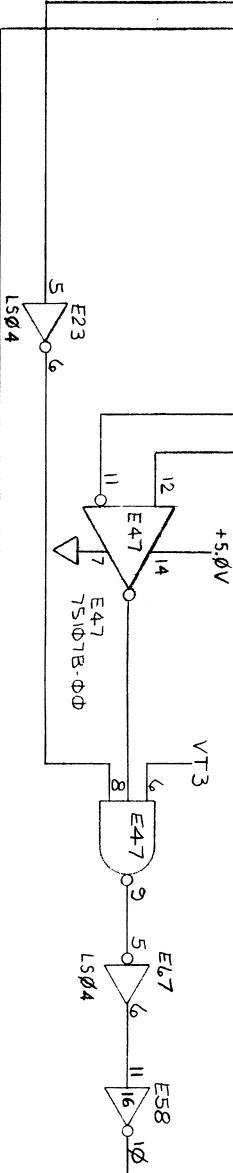
AC LO L

HM SW L

DL5 VOLUME CHECK H
DL5 DRIVE ERR H



MULTIPLE DRIVE SELECT ERROR
CONDITIONAL DRIVE DESELECT



A

B

C

D

REVISIONS	
CHK	REV.

8

7

6

5

4

3

2

1

SIZE CODE NUMBER REV. DCS 5412175-0-1 J

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:			
PARTS LIST																	
MADE BY R. HILL		CHECKED <i>Burnell</i>		SECTION												1. R116, R117, R118 and R119 are not on PL- value determined in testing.	
DATE 7 April 76		DATE 2-24-77															
ENG DATE		PROD DATE		ISSUED SECTION													
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5412175-0-0												REF DESIGNATION	
1	D-MD-5011851-0-0	5011851	ETCHED BOARD	1												C50,C51,C52,C53,C54,C55,C56	
2		1012784-00	CAPACITOR .047 uF 50V CER AX	7												C1,C2,C3,C4,C9,C10,C22,C26 thru C49,C63,C64,C65	
3		1001610-00	CAPACITOR .01 uF 50V CER AX	34												C7,C23	
4		1000076-00	CAPACITOR 39 uF 10% 10V TANT	2												C57,C58,C59,C60,C61,C62	
5		1012783-00	CAPACITOR .022 uF 50V CER AX	6												C13	
6		1010978-32	CAPACITOR .047 uF 10% 100V CER MONO	1												C6	
7		100481-00	CAPACITOR 15 uF 10% 20V TANT	1													
8																	
9		1005784-00	CAPACITOR .01 uF 10% 100V MYLAR	1												C18	
10		1001776-00	CAPACITOR 1.00 uF 10% 35V TANT	5												C19,C24,C25,C67, C8	
11		1013466-11	CAPACITOR .22 uF 50V CER AX	2												C15,C17	
12		1013466-09	CAPACITOR 1,000 PF 10% 50V CER AX	1												C5	
13		1013466-07	CAPACITOR 220 PF 5% 50V CER AX	1												C11	
14		1013466-10	CAPACITOR 3,300 PF 5% 50V CER AX	4												C12,C14,C16,C66	
15		1013466-08	CAPACITOR 680 PF 10% 50V CER AX	2												C20,C21	
16		1113953-00	DIODE 1N5523D	1												D20	
17		1111577-00	DIODE 1N4454	16												D6 thru D19,D21,D22	
18		1209941-03	LATCH, CONNECTOR, LEFT	4												(J4,J5,J6,J11)	
19		1209941-04	LATCH, CONNECTOR, RIGHT	4												(J4,J5,J6,J11)	
20		1209941-05	CONNECTOR BERG 10 PIN	1												J11	
21		1209941-06	CONNECTOR BERG 20 PIN	3												J4,J5,J6	
22		1209941-02	CONNECTOR BERG 40 PIN	1												J12	
23		1213922-02	CONNECTOR MR 3 PIN HEADER	1												J14	
24		1213922-04	CONNECTOR MR 6 PIN HEADER	1												J2	
25		1300005-07	RESISTOR NETWORK 16 PIN 4.7K	1												R200	
26		1300229-00	RESISTOR 100 OHM 1/4W 5%	1												R88	
27		1300271-00	RESISTOR 220 OHM 1/4W 5%	4												R11,R13,R14,R40	
28		1300316-00	RESISTOR 470 OHM 1/4W 5%	1												R60	
ECO. NO. 1477																	
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EN 01140A-16-R276(325) DRB 125				SHEET 1 OF 4				INSERTION PARTS LIST DATA BASE REV									

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:			
PARTS LIST																	
MADE BY R. HILL		CHECKED <i>Burnell</i>		SECTION													
DATE 7 April 76		DATE 2-24-77															
ENG DATE		PROD DATE		ISSUED SECTION													
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5412175-0-0												REF DESIGNATION	
29		1300365-00	RESISTOR 1K 1/4W 5%	14												R9, R10, R16, R18, R44, R47, R50, R55, R64, R65, R76	
30		1300439-00	RESISTOR 3.3K 1/4W 5%	3												R89, R112, R114	
31		1314041-00	RESISTOR 10K 1/4W 5%	5												R52, R68, R99, R101, R111	
32		1302676-00	RESISTOR 3.0 K 1/4W 1%	1												R37	
33		1311594-00	RESISTOR 30.1K 1/4W 1%	2												R92, R94	
34		1304841-00	RESISTOR 75K 1/4W 5%	1												R73	
35		1302388-00	RESISTOR 2K 1/4W 5%	14												R7, R8, R17, R19, R20, R21, R22, R54, R62, R71, R75	
36		1302394-00	RESISTOR 30K 1/4W 5%	1												R90	
37		1302466-00	RESISTOR 100K 1/4W 5%	1												R110	
38		1302514-00	RESISTOR 39K 1/4W 5%	2												R87, R108	
39		1312989-00	RESISTOR 17.8K 1/4W 1%	2												R97, R98	
40		1303047-00	RESISTOR 464 OHM 1/4W 1%	3												R81, R82, R105	
41		1310632-00	RESISTOR 2.37K 1/4W 1%	1												R103	
42		1303312-00	RESISTOR 10.0K 1/4W 1%	6												R30, R33, R34, R38, R61, R63	
43		1304693-00	RESISTOR 562 OHM 1/4W 1%	1												R102	
44		1305124-00	RESISTOR 287 OHM 1/4W 1%	2												R80, R83	
45		1309595-00	RESISTOR 1M 1/4W 5%	3												R5, R43, R46	
46		1303155-00	RESISTOR 21.5K 1/4W 1%	2												R23, R24	
47		1302871-00	RESISTOR 1.21 K 1/4W 1%	1												R85	
48		1314491-00	RESISTOR 1.02 K 1/4W 1%	1												R1,	
49		1312929-00	RESISTOR 62 OHM 1/4W 5%	2												R106, R107	
50		1312930-00	RESISTOR 5.1K 1/4W 5%	2												R15, R96	
51		1304870-00	RESISTOR 6.81K 1/4W 1%	1												R32	
52		1305266-00	RESISTOR 365K 1/4W 1%	2												R91, R93	
53		1313150-00	RESISTOR 430 OHM 1/4W 5%	2												R67, R69	
54		1304862-00	RESISTOR 1.62K 1/4W 1%	1												R104	
55		1314119-00	RESISTOR 44.2K 1/4W 1%	1												R25	
56		1313846-00	RESISTOR 2.26K 1/4W 1%	1												R31	
ECO. NO. 1477																	
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EN 01140A-16-R276(325) DRB 125				SHEET 2 OF 4				INSERTION PARTS LIST DATA BASE REV									

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:			
PARTS LIST																	
MADE BY R. HILL		CHECKED <i>Burnell</i>		SECTION													
DATE 7 April 76		DATE 2-24-77															
ENG		PROD		ISSUED SECTION													
DATE		DATE															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION													REF DESIGNATION	
57		1314120-00	RESISTOR 78.7K 1/4W 1%	1												R26	
58		1300447-00	RESISTOR 4.7K 1/4W 5%	21												R12, R27, R28, R29, R35, R36, R39, R41, R45, R48, R51, R53	
59		1302666-00	RESISTOR 10M 1/4W 5%	1												R113 R56, R57, R58, R59, R66, R70, R72, R74, R115	
60		1313589-00	RESISTOR 1.40 K 1/4W 1%	1												R84	
61		1300315-00	RESISTOR 470 OHM 1/2W 5%	3												R3, R4, R6	
62		1513489-00	TRANSISTOR 2N4401	3												Q8, Q11, Q13	
63		1513490-00	TRANSISTOR 2N4403	11												Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q9, Q10, Q12, Q14	
64		1513697-00	TRANSISTOR 2N5640	1												Q15	
65		1913414-00	IC DEC LS14	1												E32	
66		1910155-00	IC DEC 7408	2												E59, E21	
67		1909928-00	IC DEC 7416	3												E6, E17, E58	
68		1910268-00	IC DEC 75107B-00	4												E47, E57, E64, E65	
69		1910536-00	IC DEC 74S10	1												E37	
70		1910544-00	IC DEC 74S74	1												E46	
71		1911341-00	IC DEC 75113	3												E44, E50, E54	
72		1912107-01	IC DEC LM324 AN	1												E11	
73		1912108-00	IC DEC 339	3												E8, E34, E61	
74		1912799-00	IC DEC LS00	2												E9, E22	
75		1912801-00	IC DEC LS02	1												E33	
76		1912803-00	IC DEC LS04	5												E3, E23, E28, E45, F67	
77		1912805-00	IC DEC LS08	3												E26, E56, E62	
78		1912807-00	IC DEC LS10	1												E12	
79		1912813-00	IC DEC LS27	1												E15	
80		1912816-00	IC DEC LS32	3												E10, E24, E40	
81		1910046-00	IC DEC 7442	1												E52	
82		1905547-00	IC DEC 7474	1												E14	
83		1912824-00	IC DEC LS74	6												E4, E19, E20, E48, E49, E55	
84		1912829-00	IC DEC LS86	1												E16	
ECO NO.																	
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EN-01140A-16-R276(325)				DRB 125				SHEET 3 OF 4				INSERTION PARTS LIST DATA BASE REV					

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:			
PARTS LIST																	
MADE BY R. HILL		CHECKED <i>Burnell</i>		SECTION													
DATE 7 April 76		DATE 2-24-77															
ENG		PROD		ISSUED SECTION													
DATE		DATE															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION													REF DESIGNATION	
85		1912837-00	IC DEC LS123	1												E25	
86		1912854-00	IC DEC LS193	3												E39, E41, E42	
87		1912855-00	IC DEC LS195	5												E27, E30, E35, E38, E51	
88		1912857-00	IC DEC LS197	4												E1, E2, E5, E66	
89		1912864-00	IC DEC LS279	5												E7, E13, E18, E29, E53	
90		23445A2-00	ROM IM5603A (VELOCITY)	1												E43	
91		23371A2-00	ROM IM5603A (SEEK)	1												E36	
92		23368A2-00	ROM IM5603A (STATE)	1												E31	
93		23444A2-00	ROM IM5603A (COUNT)	1												E60	
94		1211813-00	SOCKET, (ROM) 16 PIN	4												(E31, E36, E43, E60)	
95		9007791-00	TERMINAL, TURRET	13												TP1 thru TP13	
96		1114117-00	DIODE 1N4152 (D035)	5												D1, D2, D3, D4, D5	
97		1303114-00	RESISTOR, 1.00 K 1/4W1% mf	2												R2, R86	
98		9105740-55	WIRE, 30 AWG	AR													
99		1912697-00	IC DEC LS174	1												E63	
100		1312992-00	RESISTOR, 560K, 1/4W, 5%, CC	1												R49	
101		1302391-00	RESISTOR, 20K, 1/4W, 5%, CC	1												R42	
ECO NO.																	
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EN-01140A-16-R276(325)				DRB 125				SHEET 4 OF 4				INSERTION PARTS LIST DATA BASE REV					

