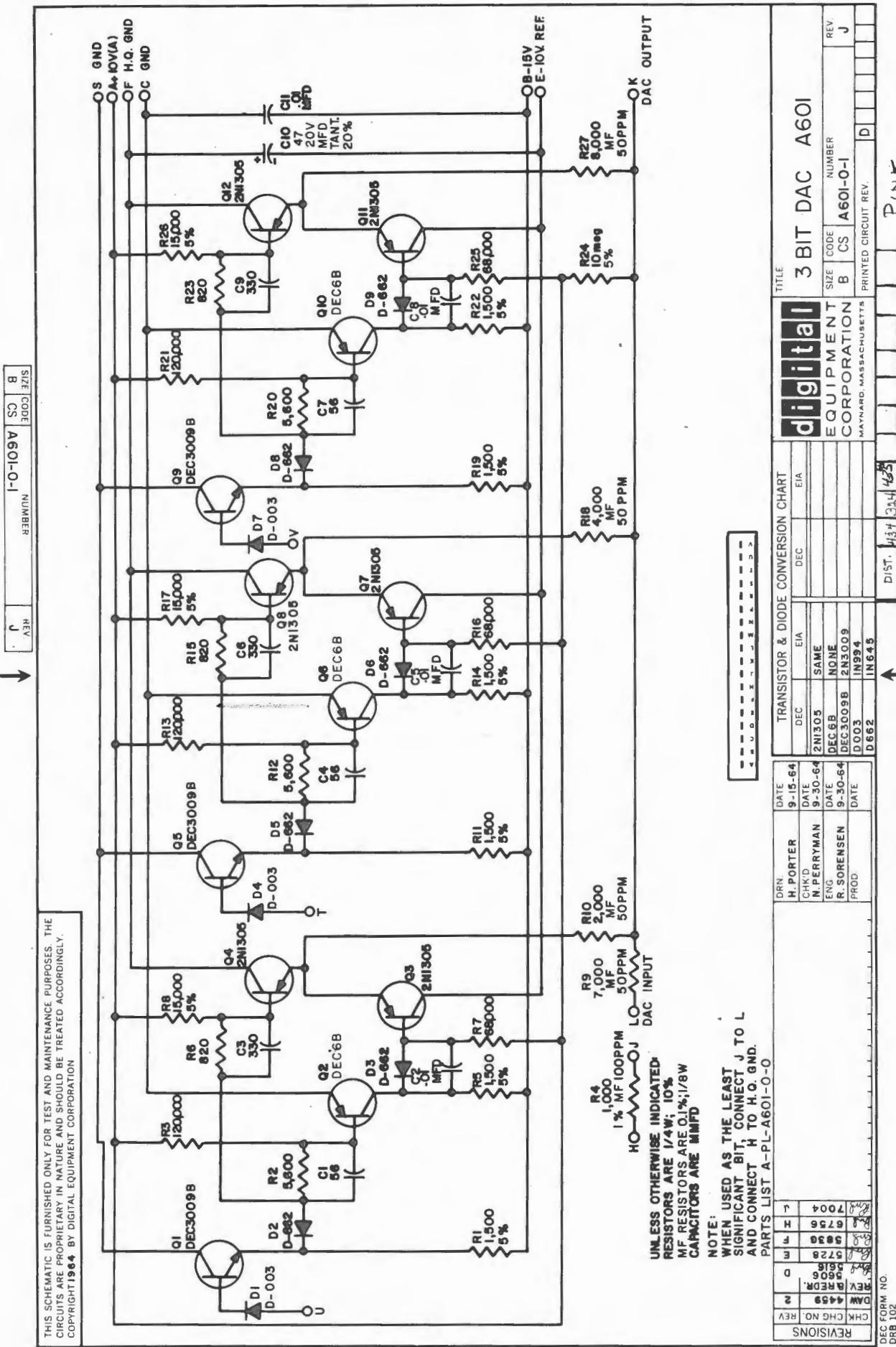


digital

**REPLACEMENT
SCHEMATICS**

PDP-9

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REV. B		REV. A		REV. J	
CHG NO.	DATE	CHG NO.	DATE	CHG NO.	DATE
4459	9-15-64	4459	9-15-64	4459	9-15-64
REV. B	DATE	REV. A	DATE	REV. J	DATE
61606	N. PERRYMAN	61606	N. PERRYMAN	61606	N. PERRYMAN
5726	9-30-64	5726	9-30-64	5726	9-30-64
5616	ENG	5616	ENG	5616	ENG
7004	PROD	7004	PROD	7004	PROD
3836		3836		3836	
6756		6756		6756	
6616		6616		6616	
6516		6516		6516	
6416		6416		6416	
6316		6316		6316	
6216		6216		6216	
6116		6116		6116	
6016		6016		6016	
5916		5916		5916	
5816		5816		5816	
5716		5716		5716	
5616		5616		5616	
5516		5516		5516	
5416		5416		5416	
5316		5316		5316	
5216		5216		5216	
5116		5116		5116	
5016		5016		5016	
4916		4916		4916	
4816		4816		4816	
4716		4716		4716	
4616		4616		4616	
4516		4516		4516	
4416		4416		4416	
4316		4316		4316	
4216		4216		4216	
4116		4116		4116	
4016		4016		4016	
3916		3916		3916	
3816		3816		3816	
3716		3716		3716	
3616		3616		3616	
3516		3516		3516	
3416		3416		3416	
3316		3316		3316	
3216		3216		3216	
3116		3116		3116	
3016		3016		3016	
2916		2916		2916	
2816		2816		2816	
2716		2716		2716	
2616		2616		2616	
2516		2516		2516	
2416		2416		2416	
2316		2316		2316	
2216		2216		2216	
2116		2116		2116	
2016		2016		2016	
1916		1916		1916	
1816		1816		1816	
1716		1716		1716	
1616		1616		1616	
1516		1516		1516	
1416		1416		1416	
1316		1316		1316	
1216		1216		1216	
1116		1116		1116	
1016		1016		1016	
916		916		916	
816		816		816	
716		716		716	
616		616		616	
516		516		516	
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116		116		116	
016		016		016	

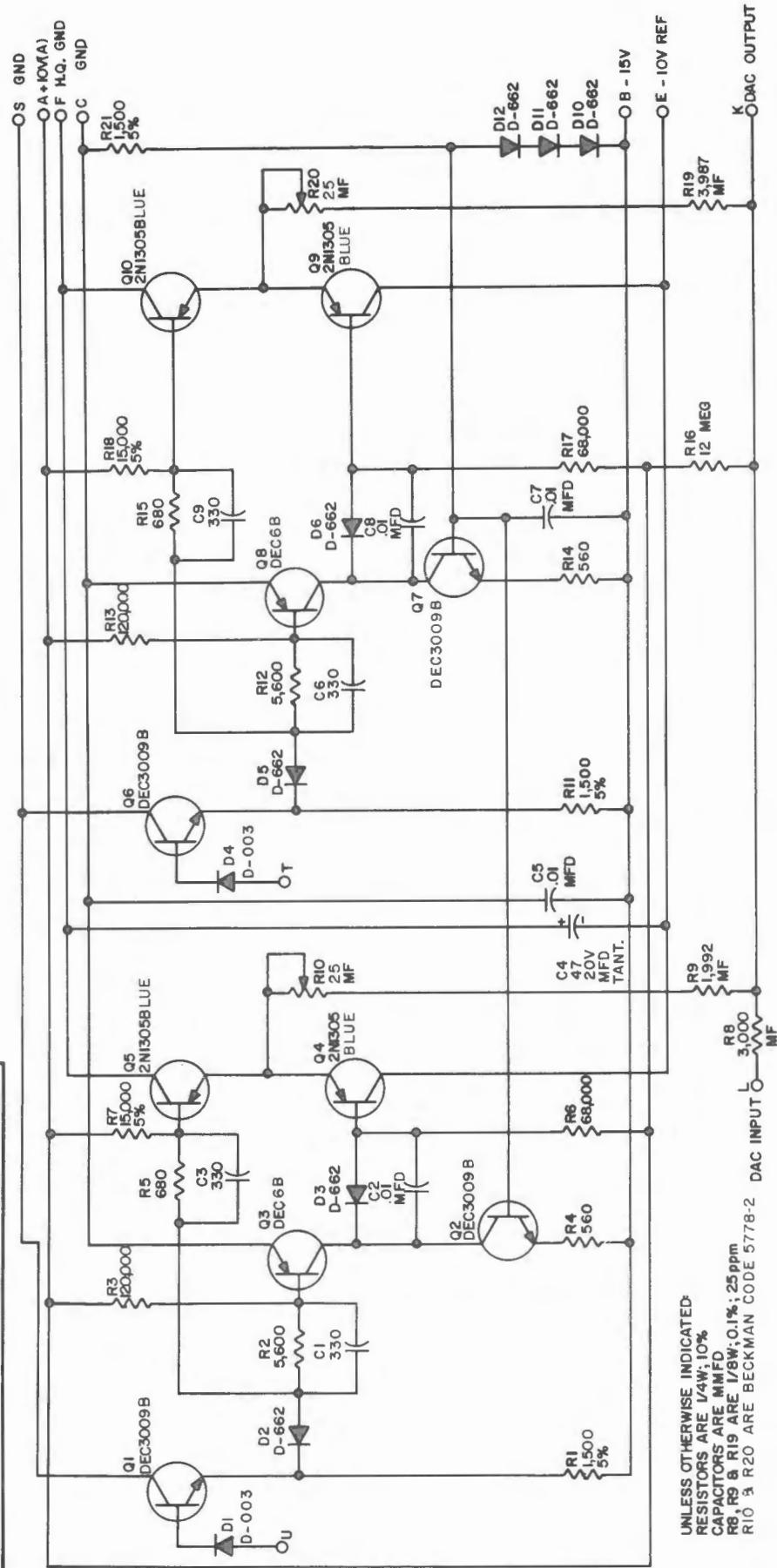
P/N K

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N		
R3A	NUMBER	1-A604-O-1
	CS	8
	DATE	3/60



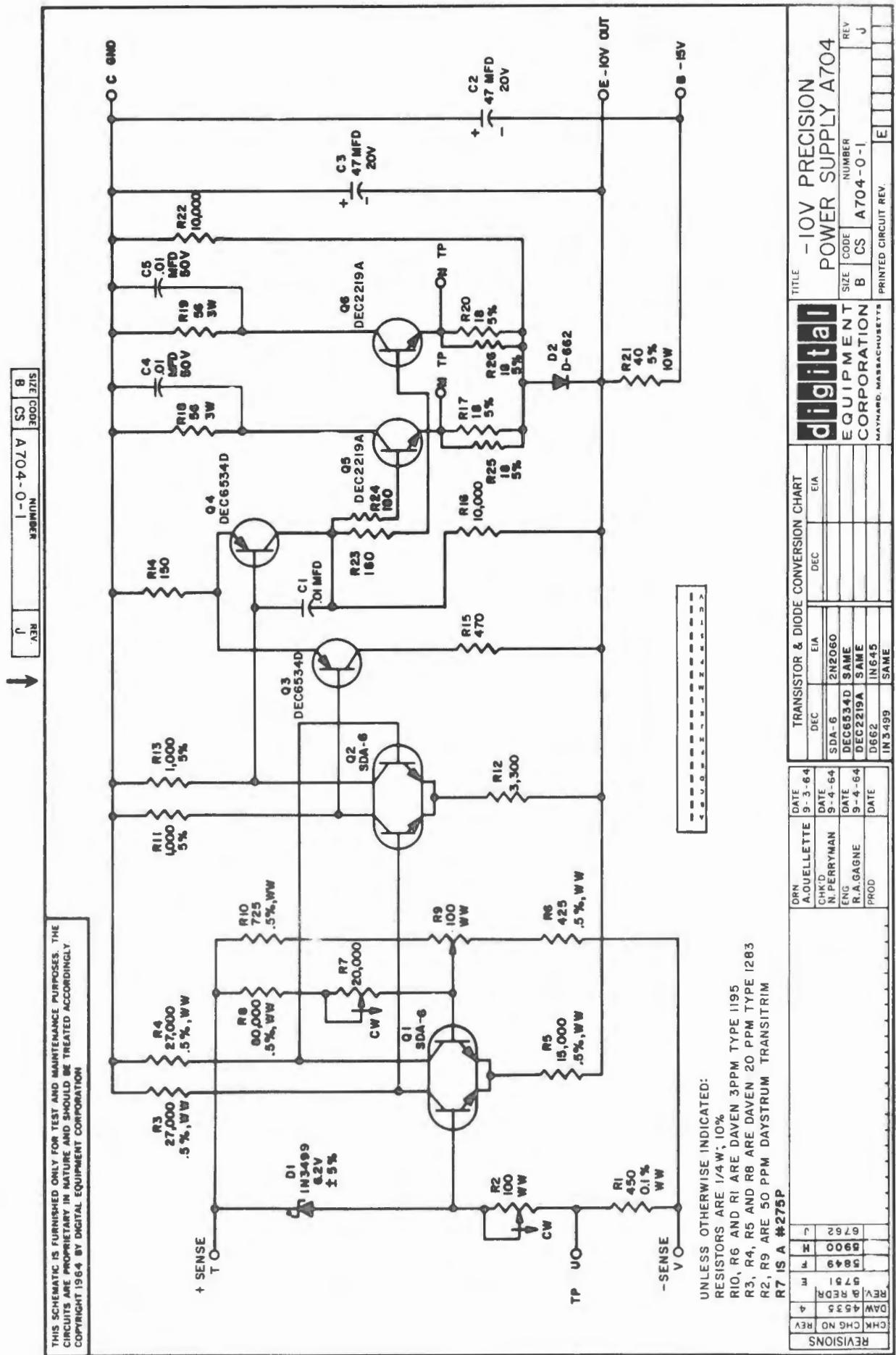
PARTS LIST A-PL-A604-0-0

REV/SERIAL NO.	REV/CODE	TRANSISTOR & DIODE CONVERSION CHART		TITLE
		DEC	EIA	
5730	DEC6B	DEC6B	NONE	2 BIT DAC A604
6880	DEC3009B	DEC3009B	NONE	
5626	2N3058	2N3058	NONE	
5541	D003	D003	NONE	
4445	REDF	REDF	NONE	
DAW	CHM	CHM	N	
6742	PORTER	PORTER	IN 645	
7003	CHKD	CHKD		
7011	N PERRYMAN	N PERRYMAN		
7004	DATE	DATE		
7005	ENG	ENG		
7006	R. SORENSEN	R. SORENSEN		
7007	PROD	PROD		
	DATE	DATE		
	REV	REV		
	CODE	CODE		
	NUMBER	NUMBER		
	B	C		
	A604-O-1	A604-O-1		
	PRINTED CIRCUIT REV	F H		

DIS1. 24/ 1/ 4<²

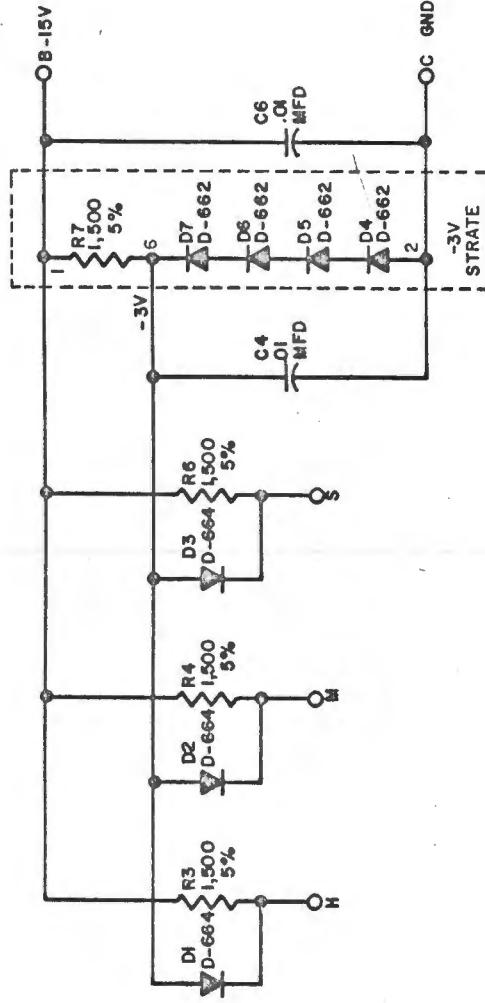
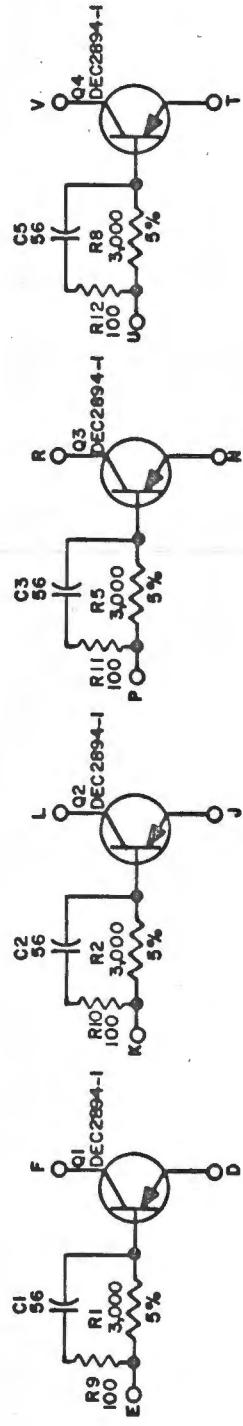
FIN

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REV C NUMBER B104-0-1 DATE 3/27/64



REVISIONS		DATE	TRANSISTOR & DIODE CONVERSION CHART		EQUIPMENT CORPORATION		TITLE	
REV	CHG NO	DEC	EIA	DEC	CODE	NUMBER	REV	
D	5380	4-28-64	DEC2894-I	NONE		B104-0-1	C	
A	5380	5-4-64	DEC2894-I	IN615				
B	5380	6-6-62	D662	IN306				
C	5380	5-4-64	D664					
		DATE	PROD		PRINTED CIRCUIT REV			

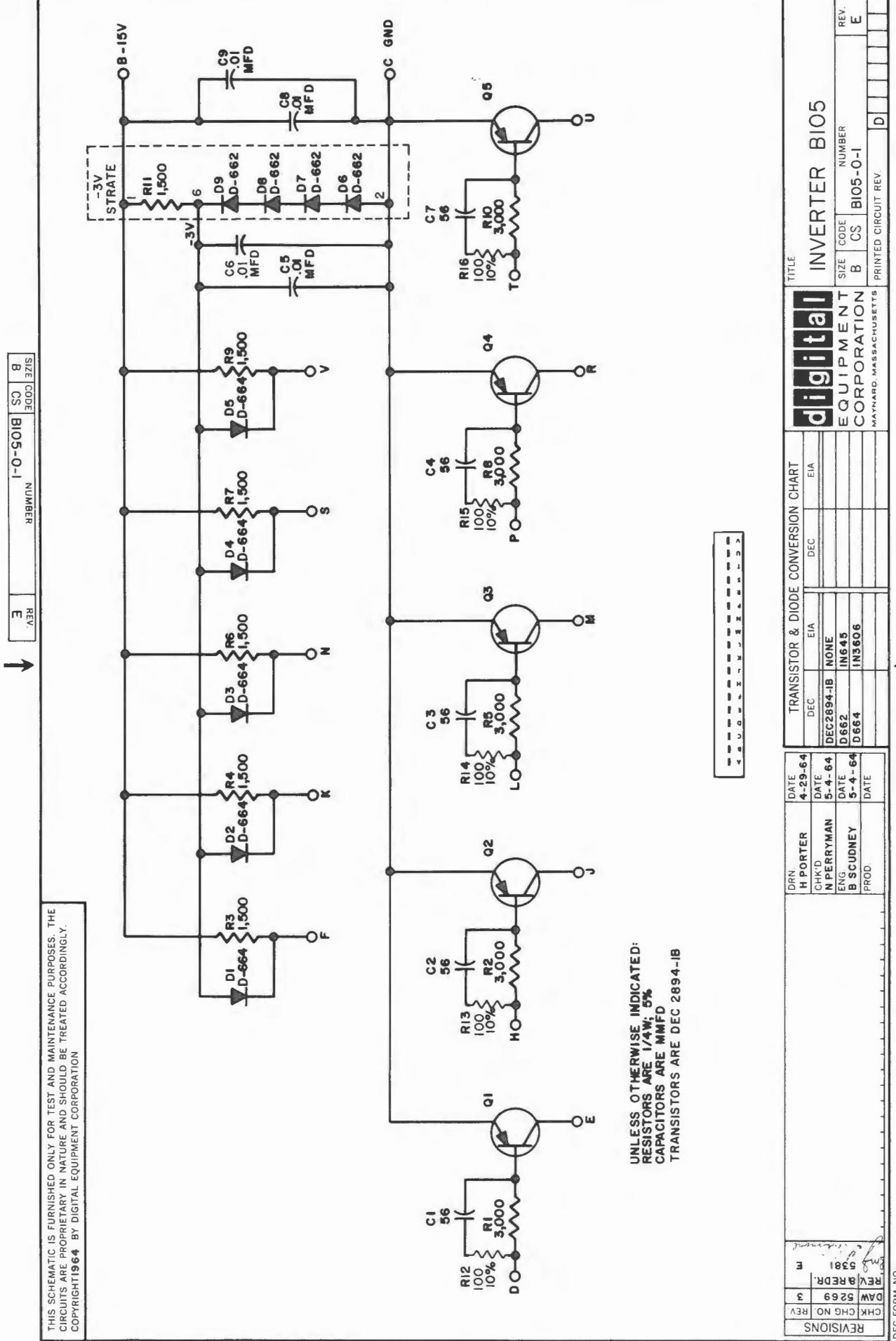
DIGITAL EQUIPMENT CORPORATION

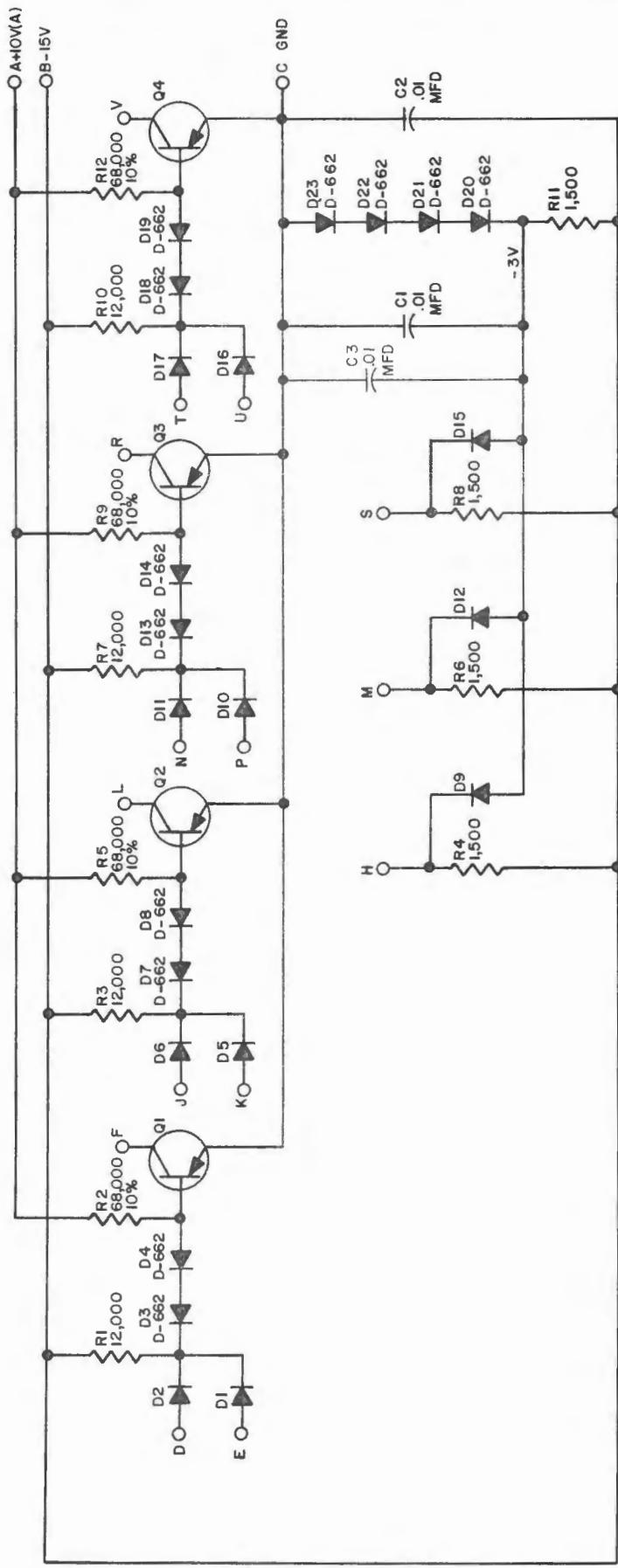
MAYNARD, MASSACHUSETTS

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REV. E NUMBER B105-O-1 CS 8 CODE 3715





UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 5%
TRANSISTORS ARE DEC2894-1B
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART		NOTES
DEC	EIA	DEC
DEC-2894-1B	NONE	
D662	IN645	
D664	IN606	

RS-B-BII3	2
DIODE GATE BII3	

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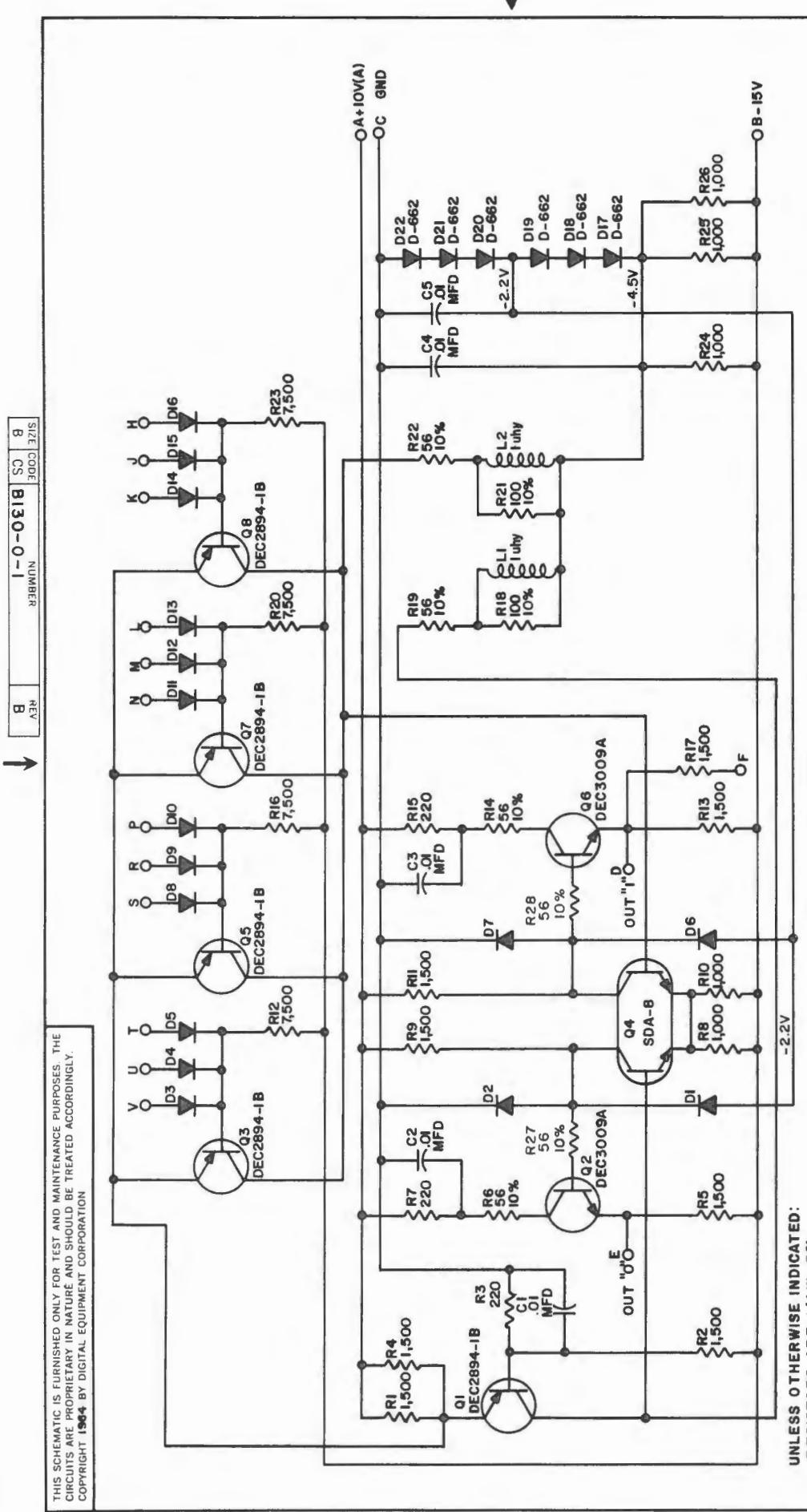
DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

P-144

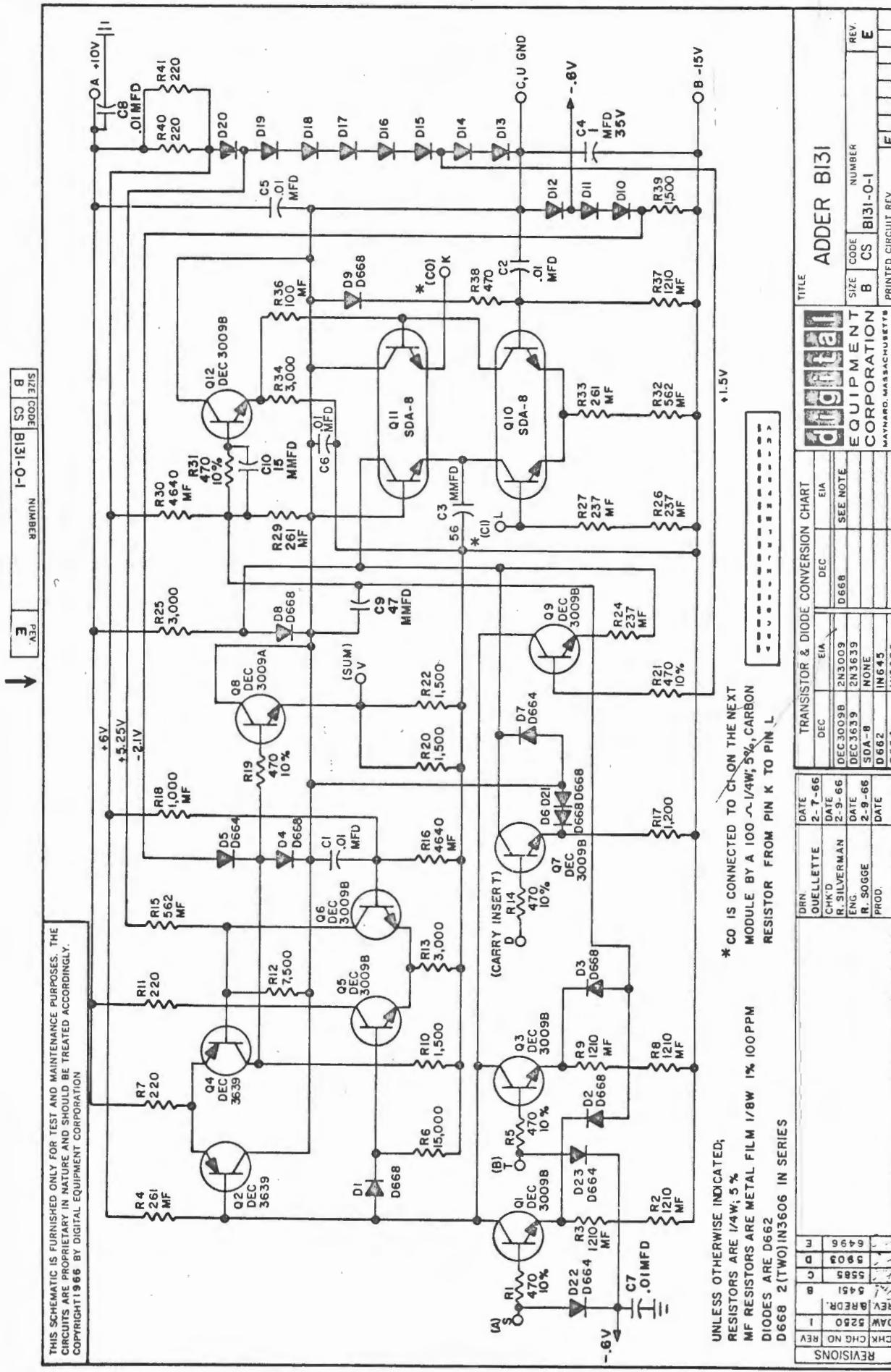
REVISED		PARTS LIST A-PL-B130-0-0		TRANSISTOR & DIODE CONVERSION CHART		TITLE 3 BIT PARITY CIRCUIT B130	
REV	CHG NO	REV	CHG NO	DEC	EIA	DEC	EIA
REV-A	6486	REV-B	6775	DEC2894-1B	NONE	DEC2894-1B	NONE
CHKD	N.L.PERRYMAN	CHKD	N.L.PERRYMAN	SDA-8	NONE	SDA-8	NONE
ENG		ENG		DEC3009A	2N3-64	DEC3009A	2N3-64
R.D.		R.D.		D662	IN645	D662	IN3605
PROD		PROD		D664	IN3605	D664	IN3605

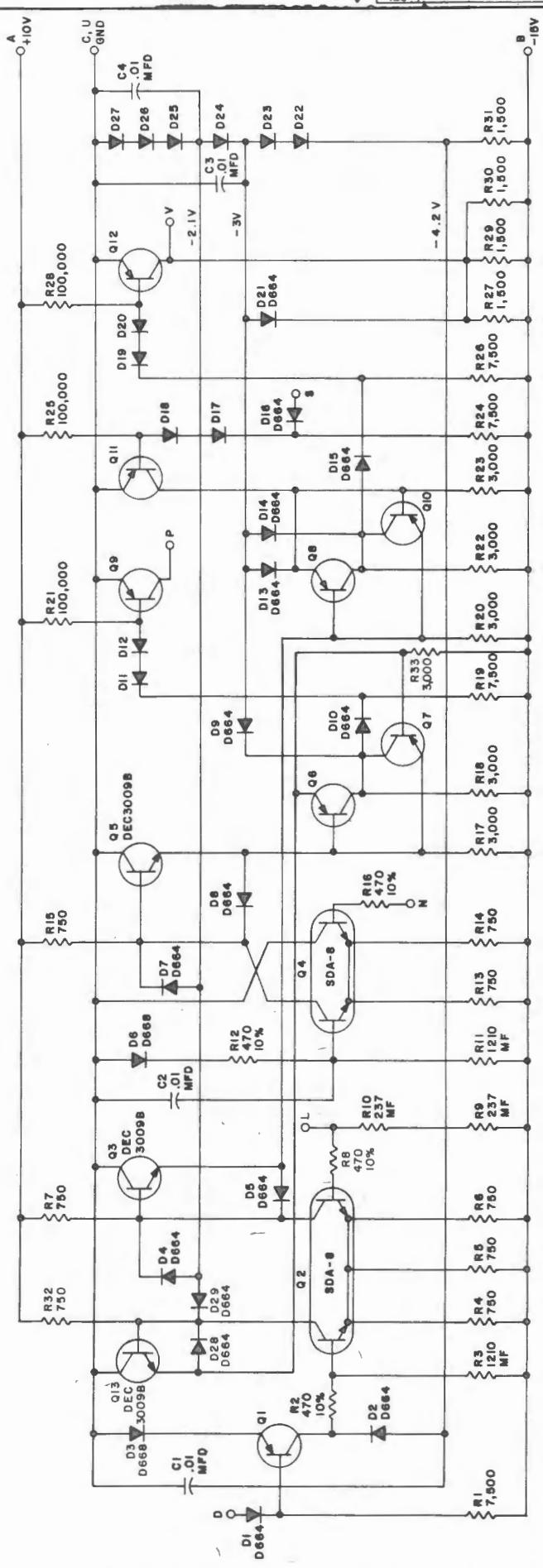
UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W, 5%
DIODES ARE D664

DATA SHEET NO. 102



DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS





UNLESS OTHERWISE INDICATED:
TRANSISTORS ARE 2N4258
DIODES ARE D662
RESISTORS ARE 1/4W; 5%
MF RESISTORS ARE 1/4W; 1%

REV. B		REV. B		REV. B		REV. B		REV. B		REV. B		REV. B		REV. B		REV. B		REV. B		REV. B			
REVISIONS		CHECK NO		RECHG NO		RECHG REV																	
D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
DEC FORM NO.	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
REV. B	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102

* 2 (TWO) IN3606 IN SERIES

TRANSISTOR & DIODE CONVERSION CHART

| DE | EIA | DEC | EIA |
|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
| SDA-8 | NONE |
| DEC3009B | 2N3009 |
| 2N4258 | 2N4258 |
| D664 | D664 |
| 1N645 | 1N645 |
| 1N646 | 1N646 |

LINC ADDER BI32

digital

equipment

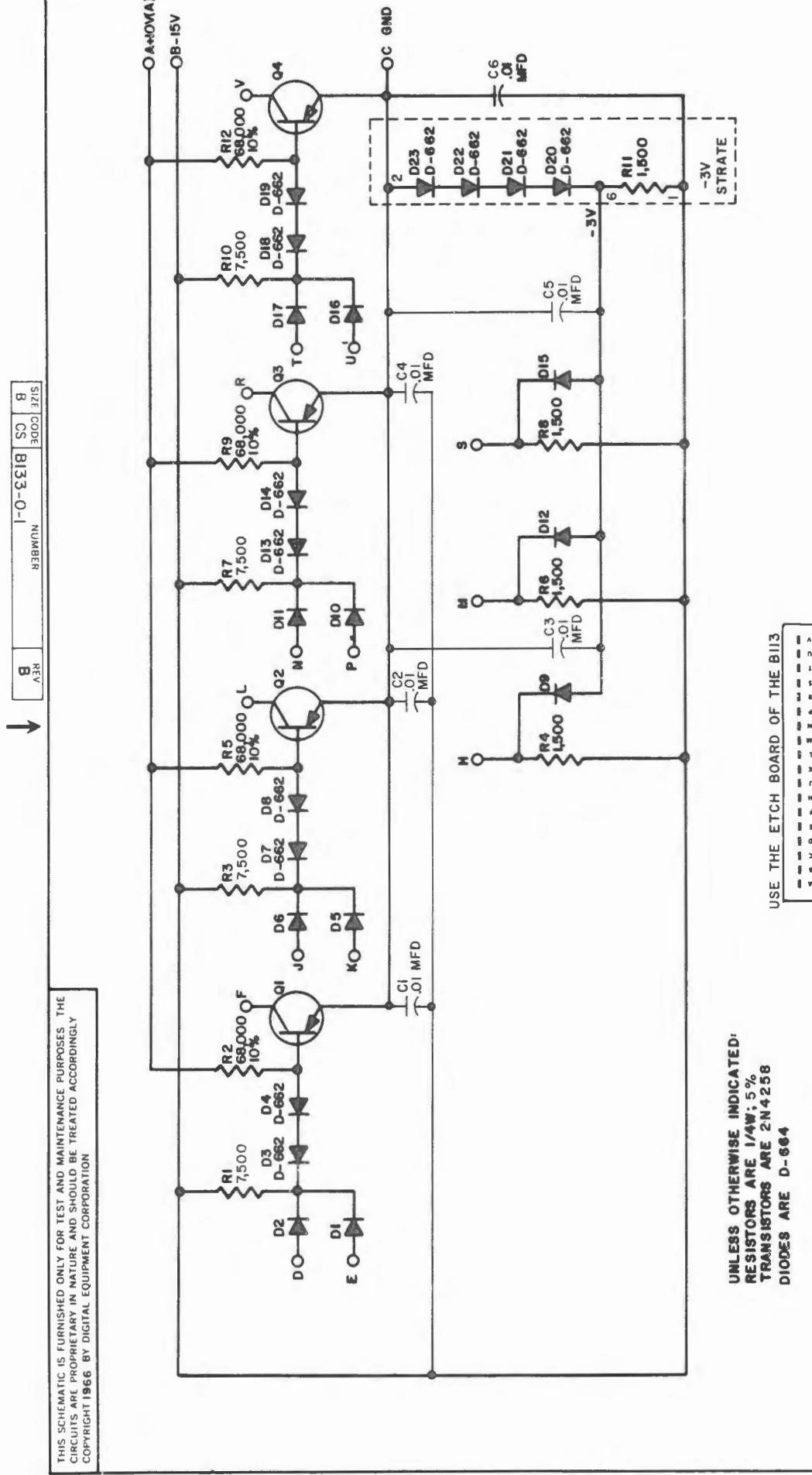
corporation

maynard, massachusetts

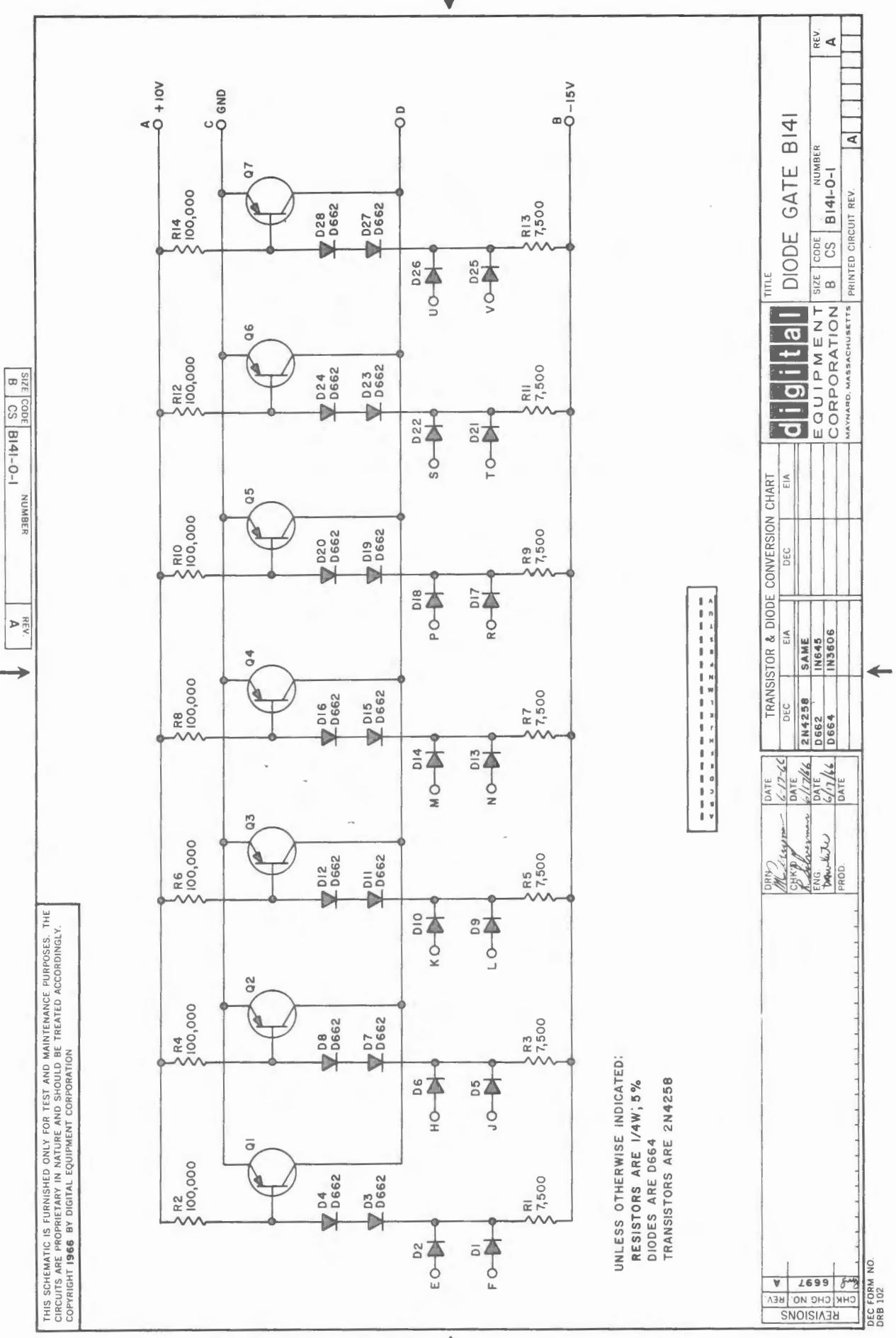
printed circuit rev. b

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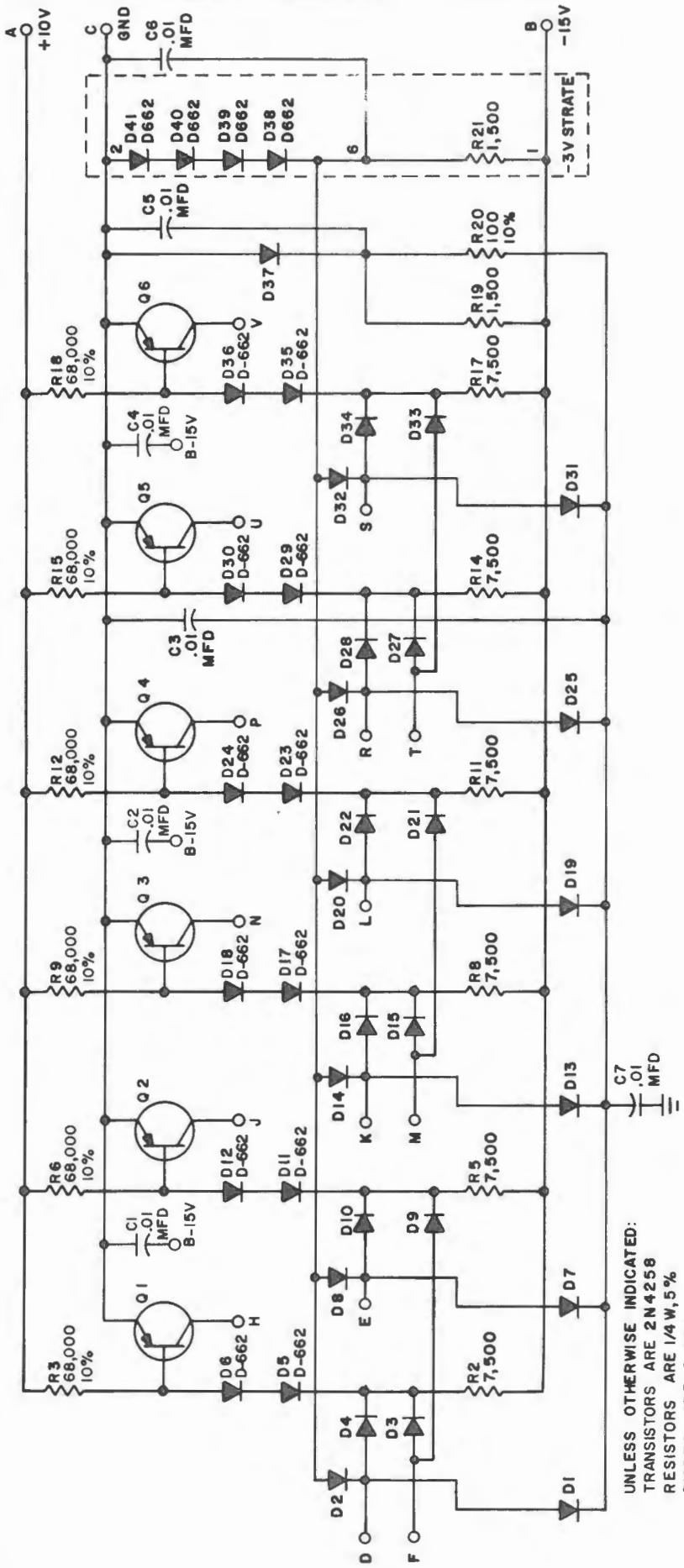
DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



REVISI0NS		DATE /		TRANSISTOR & DIODE CONVERSION CHART		TITLE	
CHK	NO	DEC	EIA	DEC	FIA	DIGITAL	
		2N4258		2N4258		DIODE GATE BI13	
ENG	DES.					EQUIPMENT	
						CORPORATION	
						MASSACHUSETTS	
PROD						NUMBER	REV
						BI13-0-1	B
PRINTED CIRCUIT REV C							



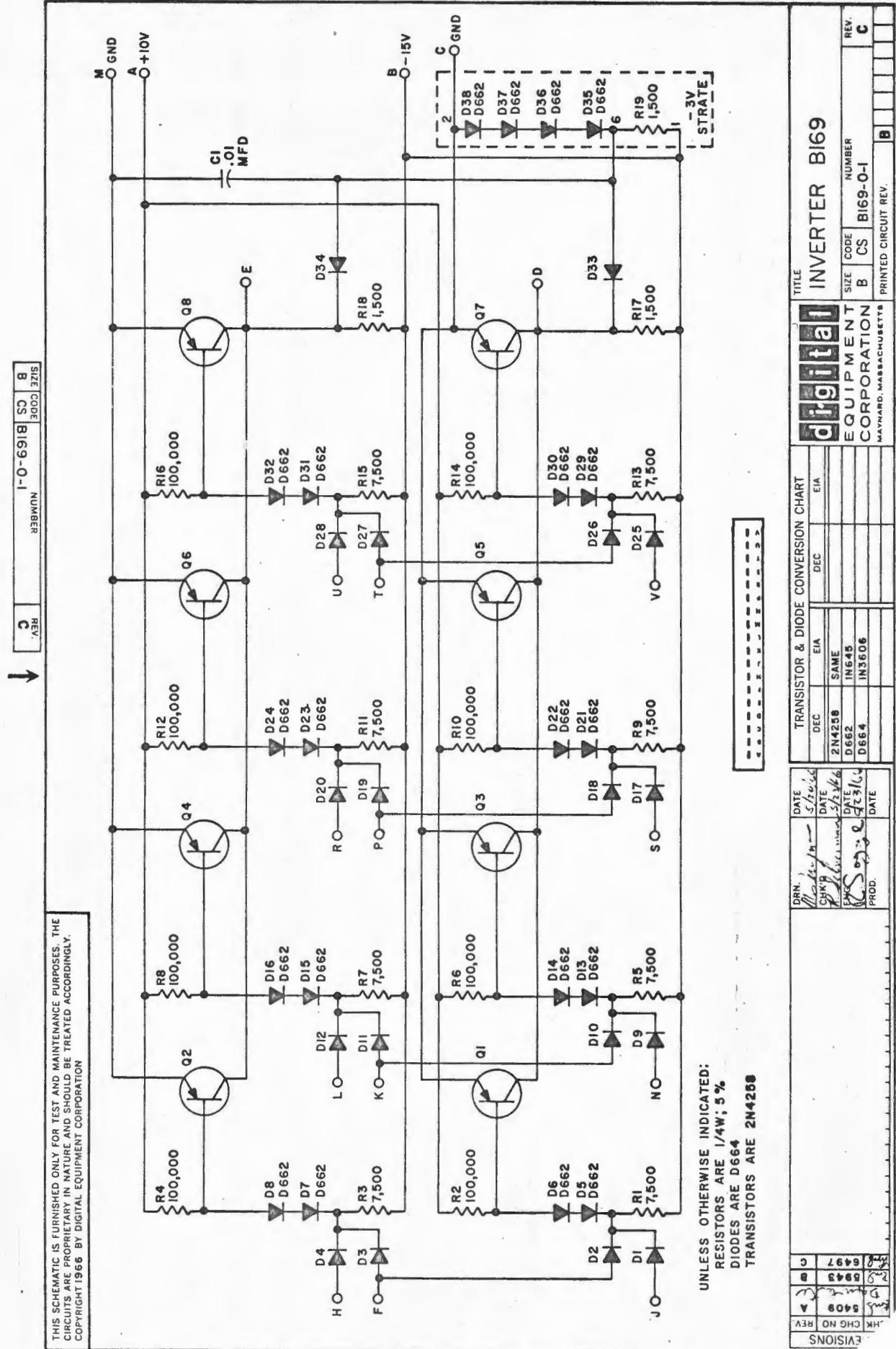
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REV		NUMBER		TITLE		DIODE GATE B163	
REV	NUMBER	SIZE	CODE	NUMBER	CODE	REV	REV
D	59913	B	CS	B163-0-1		D	
CHK	6212	EIA	DEC				
REV							
DATE							
CHKA	9/30/66	2N4256	2N4256				
CHKB	10/3/66						
ENG	10/2/66	D662	IN645				
TEST	10/2/66	D664	IN3606				
PROD.							
DATE							

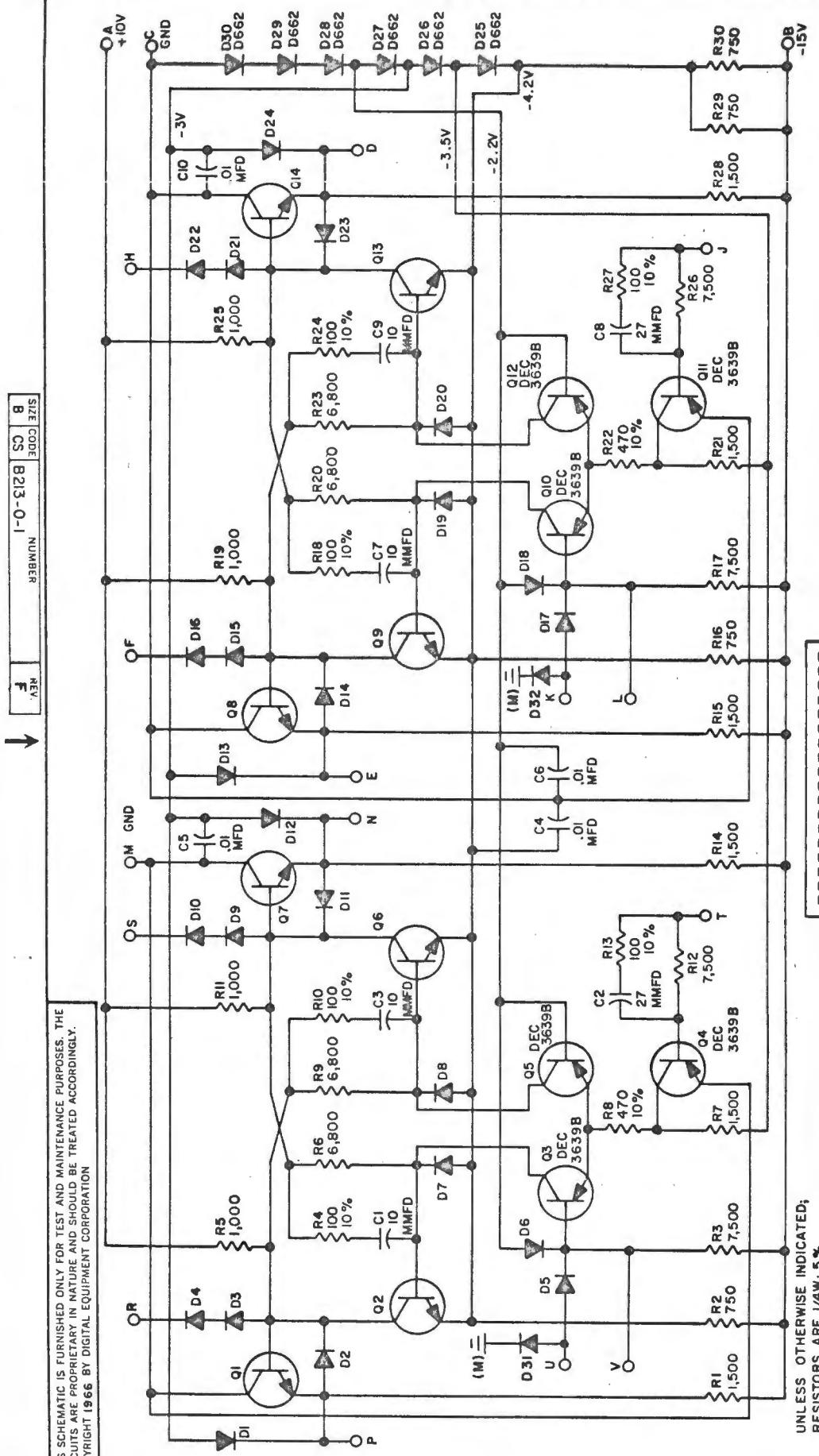
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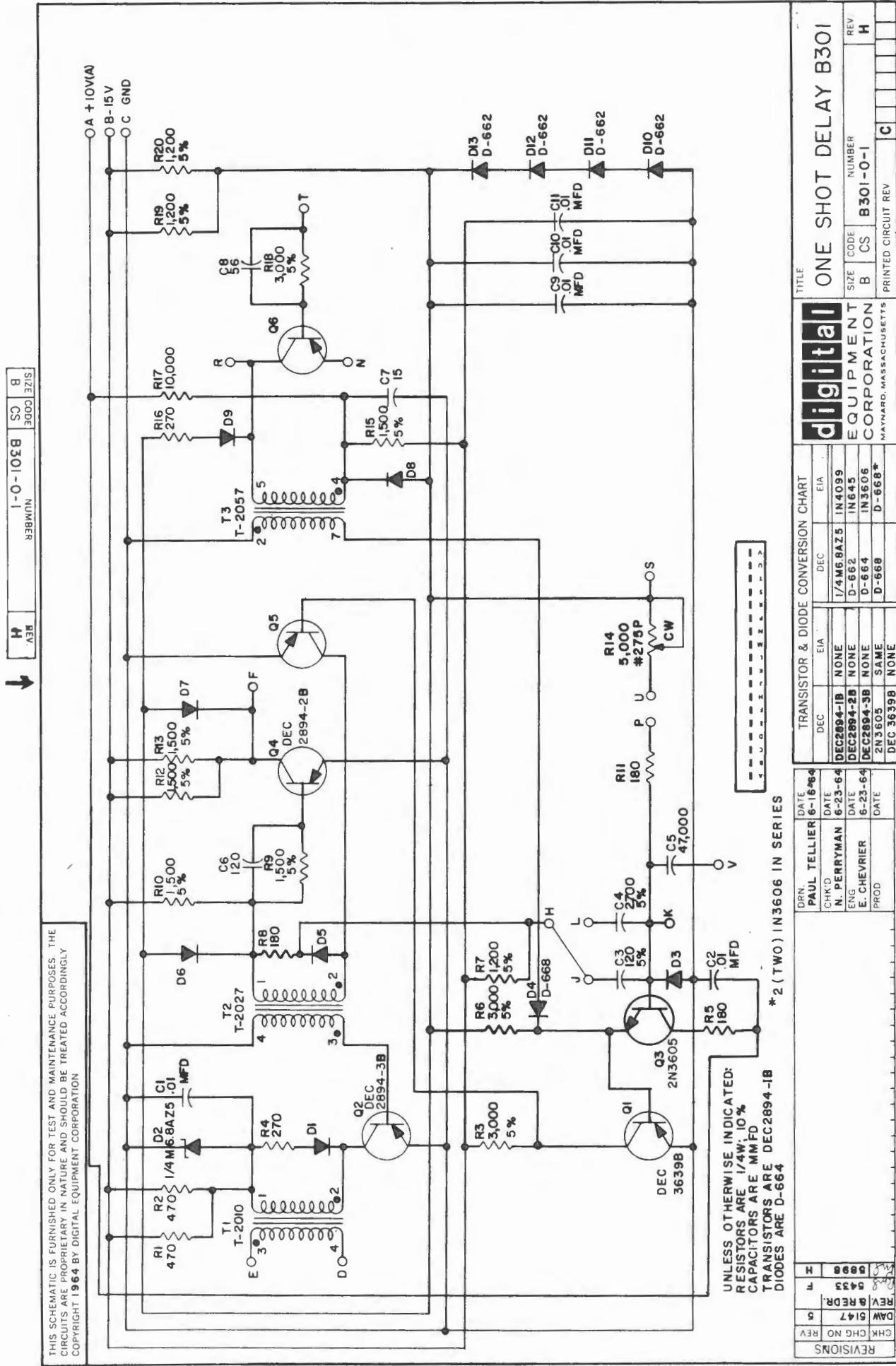
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REV
NUMBER
1-0-121
320
CS
8



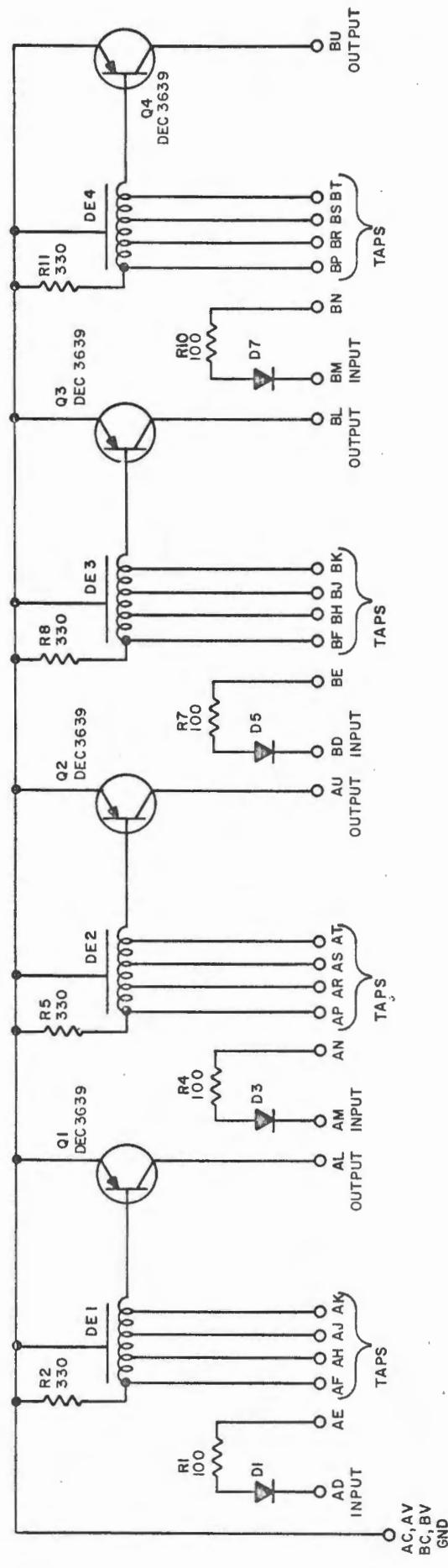
TRANSISTOR & DIODE CONVERSION CHART		REV	
DRN.	DATE	DEC	EIA
A. OUELLETTE	2-7-66		
CHKD			
R. SILVERMAN	DATE		
	DEC3009B	2N3009	
ENG	2-10-66		
B. BREWER	DATE		
R. SOGGE	2-9-66	DEC3639B	2N3639
PROD	DATE	D662	IN665
		D664	IN3606

TITLE		REV	
JAM FLIP-FLOP B213		C	F
1	d		
2	g		
3	i		
4	h		
5	j		
6	k		
7	l		
8	m		
9	n		
10	o		
11	p		
12	q		
13	r		
14	s		
15	t		
16	u		
17	v		
18	w		
19	x		
20	y		
21	z		
22	aa		
23	bb		
24	cc		
25	dd		
26	ee		
27	ff		
28	gg		
29	hh		
30	ii		
31	jj		
32	kk		
33	ll		
34	mm		
35	nn		
36	oo		
37	pp		
38	qq		
39	rr		
40	ss		



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REV B NUMBER 1-01258 SG 8
3000 321S

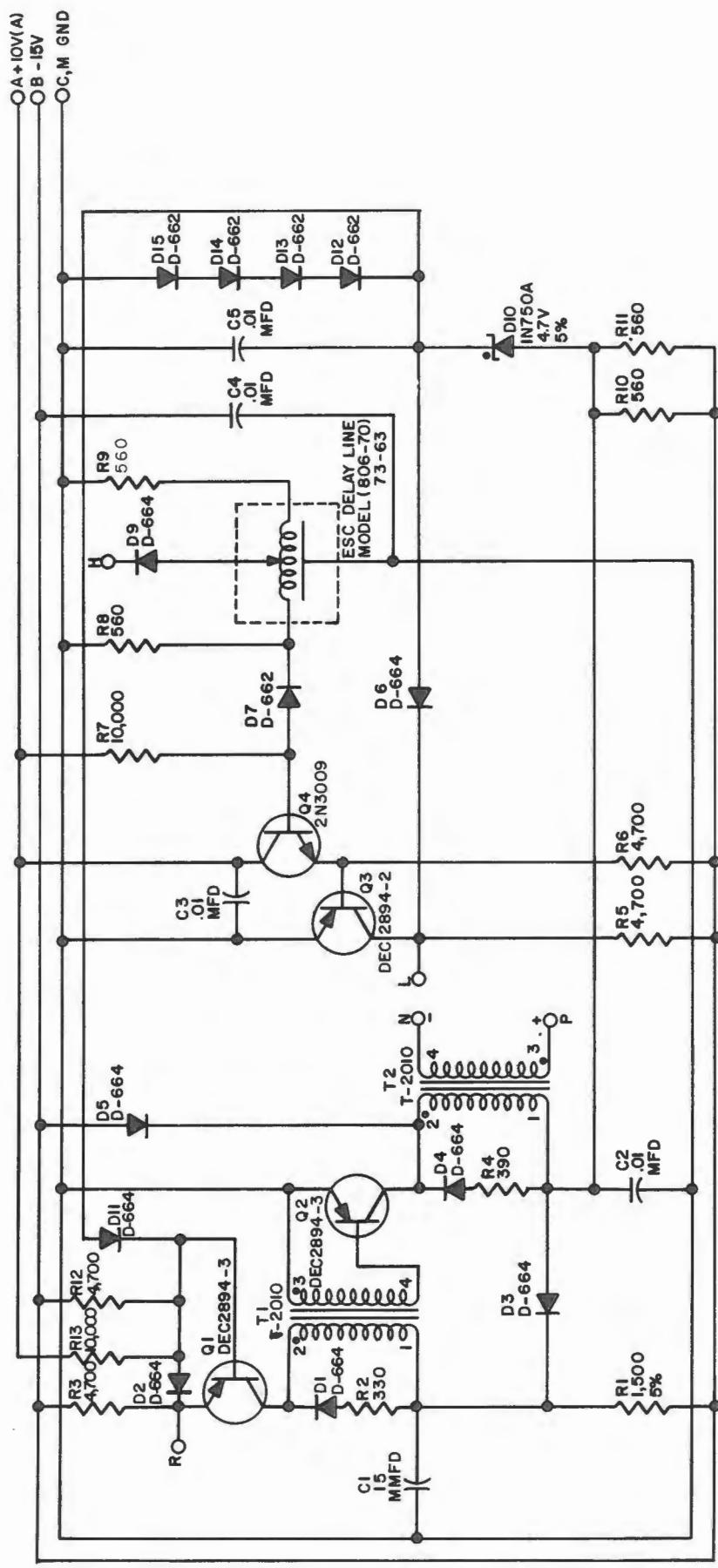


UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
DIODES ARE D-664
DE1 - DE4 ARE TECHNITROL, 0.5 usec,
330 Ω TAPS AT .0125 usec, DD-330-5-1, 6012

REVISIIONS		DATE		TRANSISTOR & DIODE CONVERSION CHART		TITLE	
CHK	RERED	DEC	EIA	DEC	EIA	CODE	NUMBER
REV 4748	1	1-29-65		DEC 3639	2 M 3639	B	DELAY LINE B310
DAW	6390	H.W. PORTER	DATE	N. PERRYMAN	DATE	CS	REV B
CHK	4748	CHKD	2-1-65	ENG	2-1-65		
REV 4748	1	J.C. MCKEEN	DATE	D 664	IN 3006		
DAW	6390	PROD	DATE				

EQUIPMENT		ITEM		SIZE		REV	
DEC 3639	1	DEC 3639	2 M 3639	B	C	B310-0-1	
DE1		D 664					
DE2							
DE3							
DE4							

RS-B-360-3



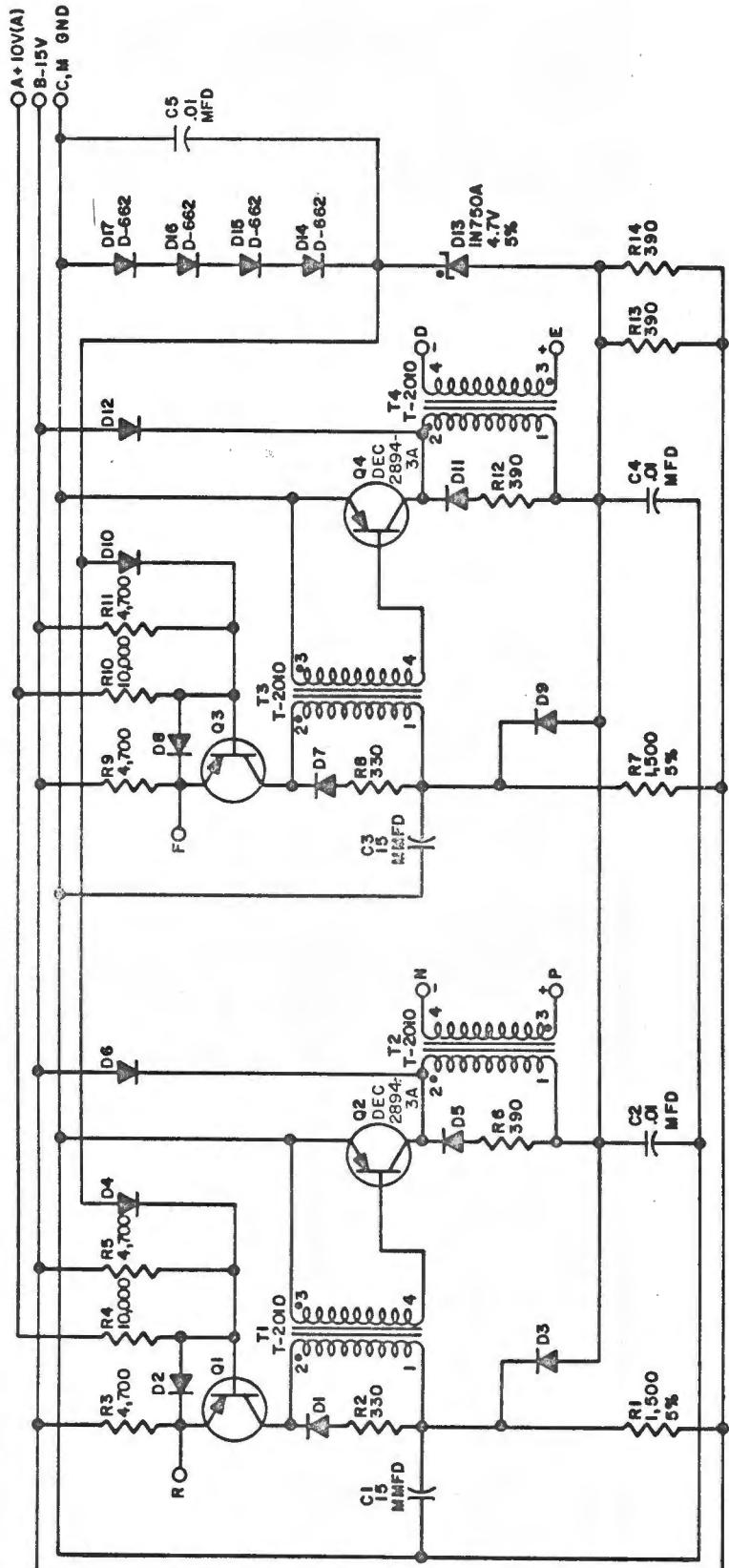
UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4W; 10%

TRANSISTOR & DIODE CONVERSION CHART		NOTES		THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY.	
DEC	EIA	DEC	EIA	D	RS-B-360
DEC2894-2	DEC2894	IN750A	IN750A		3
DEC2894-3	DEC2894				
2N3009	2N3009				
D-662	IN645				
D-664	IN606				

DELAY WITH PULSE AMPLIFIER B360

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REV.
C

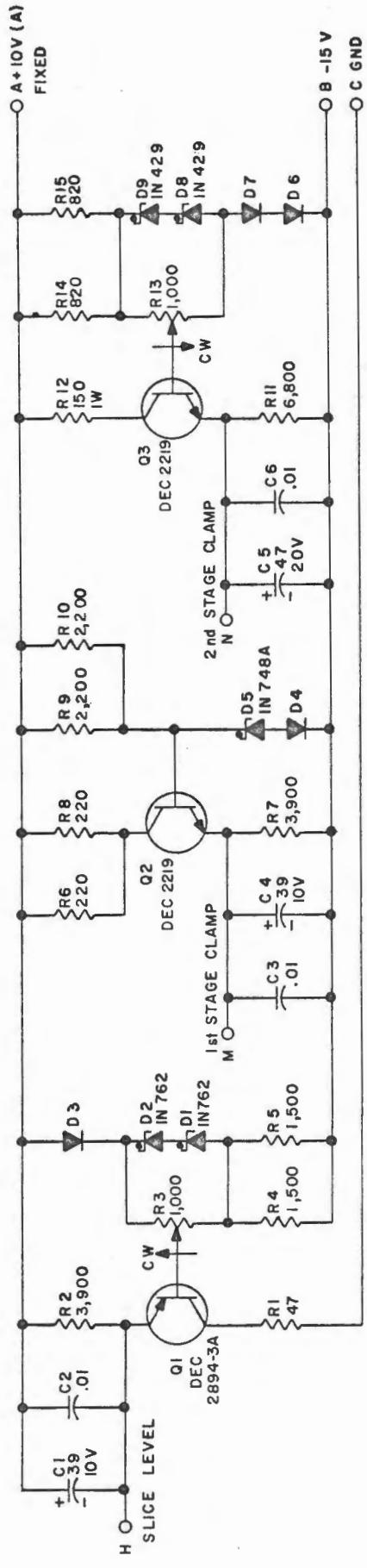


UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%
TRANSISTORS ARE DEC2894-3B
DIODES ARE D-664

PARTS LIST A-PL-B602-0-0

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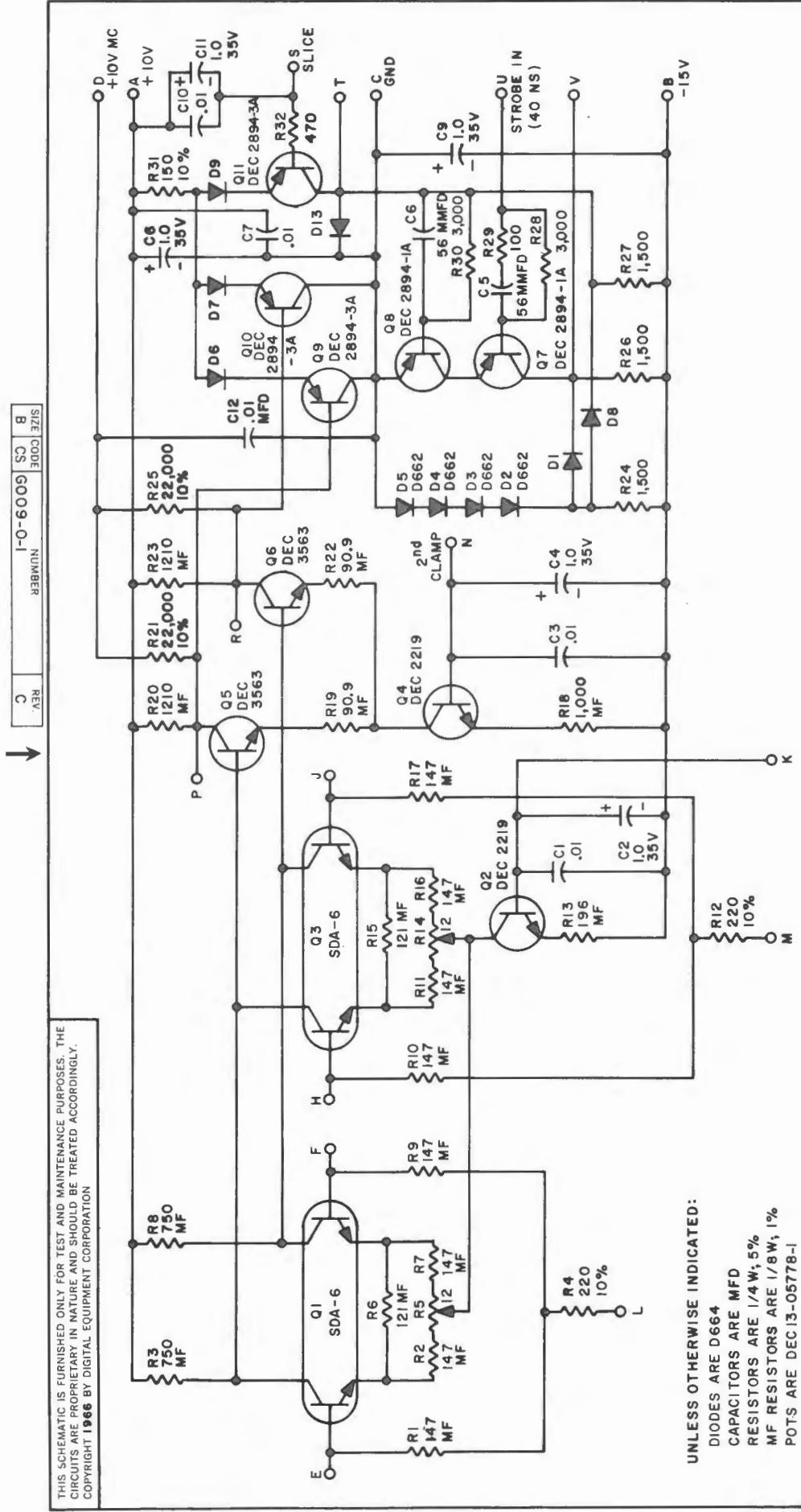


UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
CAPACITORS ARE MFD
DIODES ARE D-662
R3 & R13 ARE A #275P

NOTES: * IN429 6.2V 5%
** IN762 5.5V 250mW 5%

REV 6987		REV 5108		REV 6988	
REV 6987	REV 5108	REV 6988	REV 5108	REV 6988	REV 5108
DAW	CHE	DAW	CHE	DAW	CHE
DAW	CHG NO	DAW	CHG NO	DAW	CHG NO
DAW	REV	DAW	REV	DAW	REV
DAW		DAW		DAW	
REVISIONS		TRANSISTOR & DIODE CONVERSION CHART		MASTER SLICE CONTROL GO08	
		DEC	EIA	DEC	EIA
		DEC2894-3A	NONE	D682	IN429
		DEC2219	2N2219		
		IN429	SAME	IN429	SAME
		IN762	SAME	IN762	SAME
		IN748A		IN748A	
DIN		DATE	DATE	SIZE	CODE
I. HAHN		4-21-65	5-5-65	B	CS
CHK'D		R. SILVERMAN	D. SODGE	REV	NUMBER
ENG				C	
PROD		1			PRINTED CIRCUIT REV
REV C					

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



TITLE		2 INPUT SENSE AMPLIFIER G009		REV
digital	amplifier	size	code	
MAYNARD, MASSACHUSETTS		B	CS G009-O-1	
				PRINTED CIRCUIT REV. B

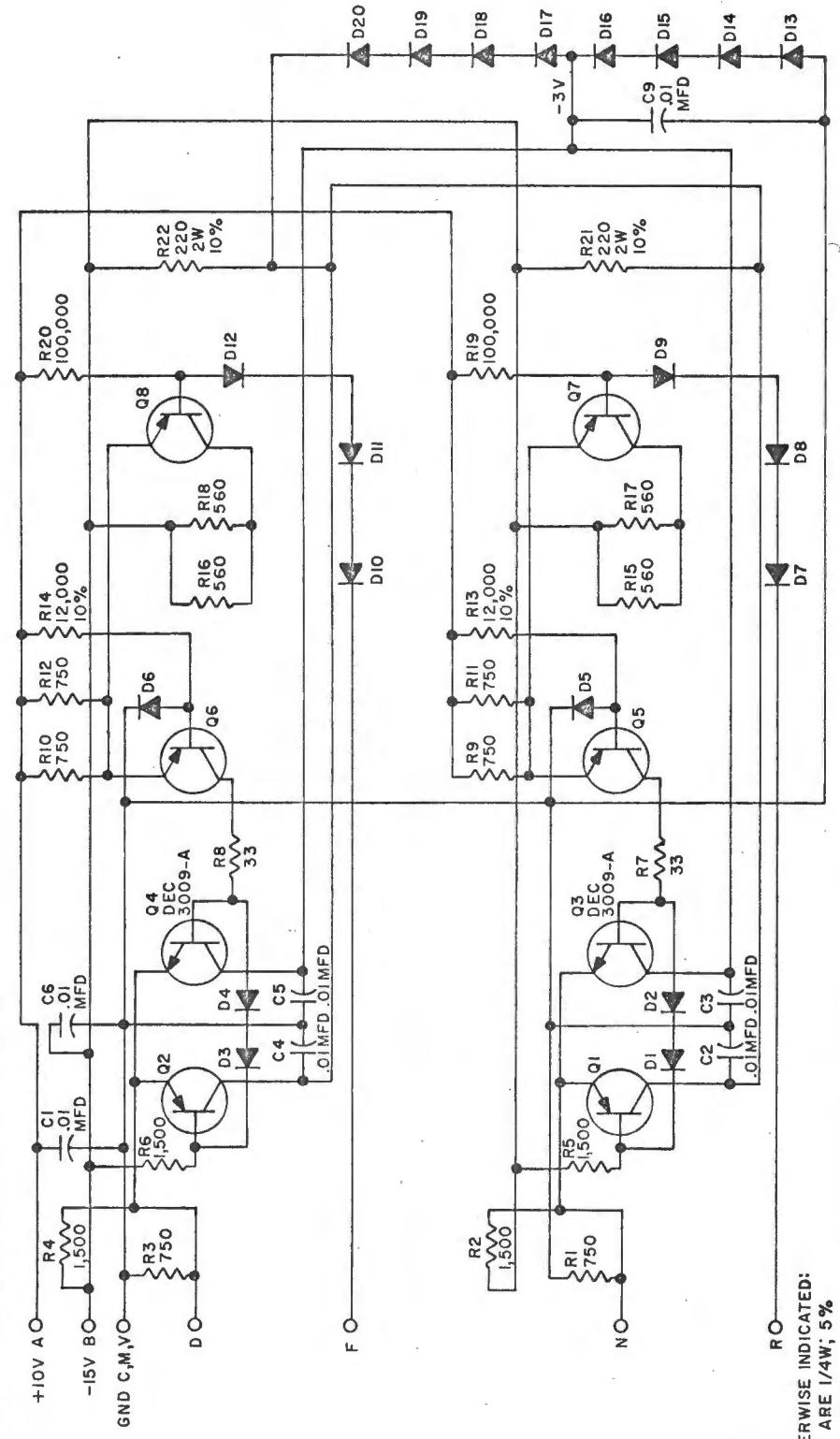
TRANSISTOR & DIODE CONVERSION CHART			
DATE	EIA	DEC	EIA
3/3/66			
3/19/66	SDA-6	2N2060	IN645
4/6/66	SDA-6	DEC 2219	IN3606
4/6/66	SDA-6	DEC 2894-3A	NONE
4/6/66	SDA-6	DEC 2894-1A	NONE
DATE			
DEC 3563		2N3563	

REVISIONS	C	A	B	D	E	F	G	H	I	J	K
6449											
6972											
5947											
5948											

DEC FORM NO. DRB 102
PRINTED 10/66

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↓
A
REV
NUMBER
G010-0-1
8
3715



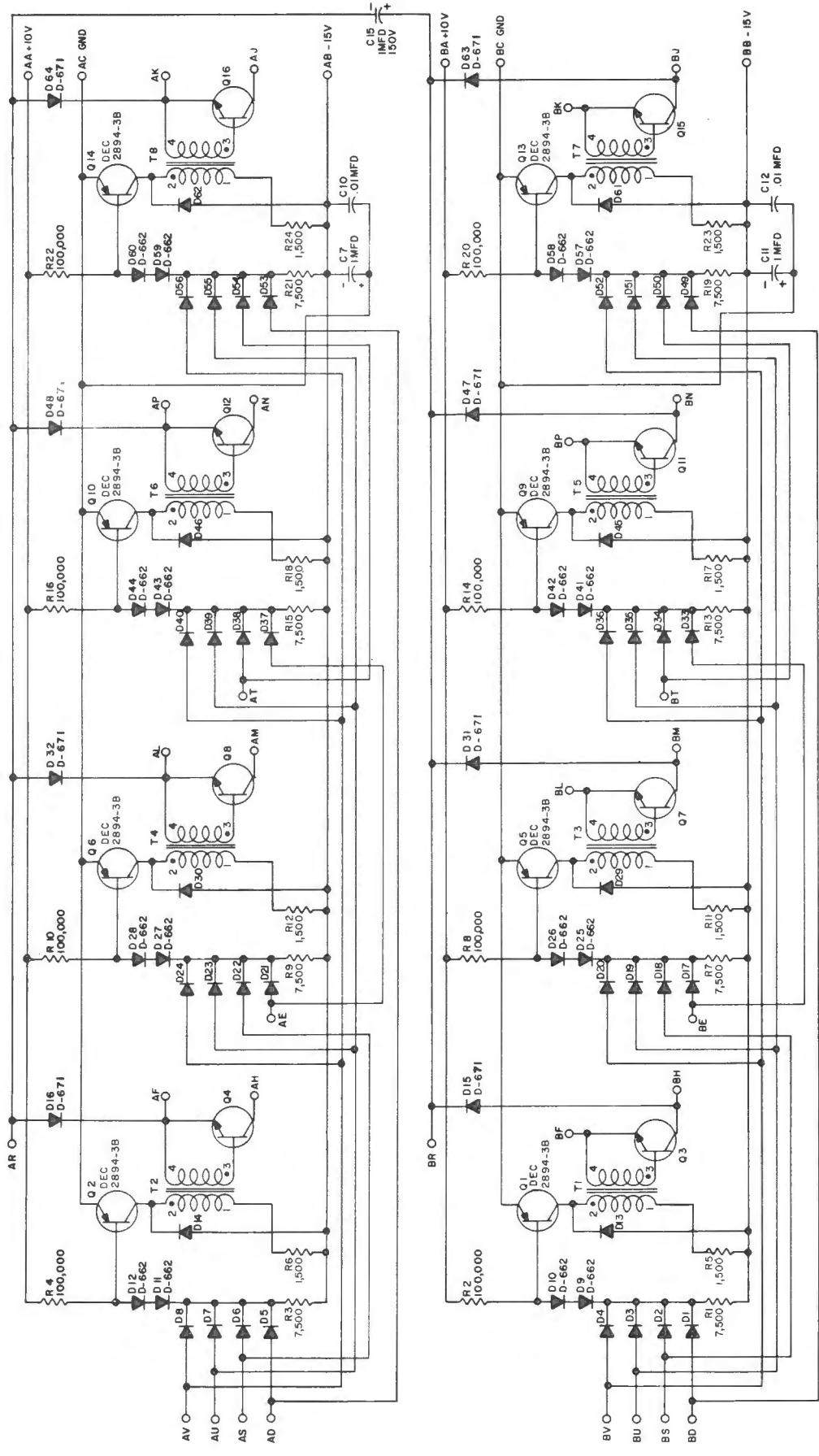
UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 5%
DIODES ARE D62
TRANSISTORS ARE DEC 2894-3A

REVISIONS	CHG NO	DATE						
A	5628	1/14/66	7	2/14/66	8	3/14/66	9	4/14/66

PRINTED CIRCUIT REV		REV		REV	
A				A	

TITLE		SENSE AMP		SELECTOR G010	
d	g	g	g	g	g
EQUIPMENT	SIZE	CODE	NUMBER		
CORPORATION	B	CS	G010-0-1		
MAYNARD MASSACHUSETTS					

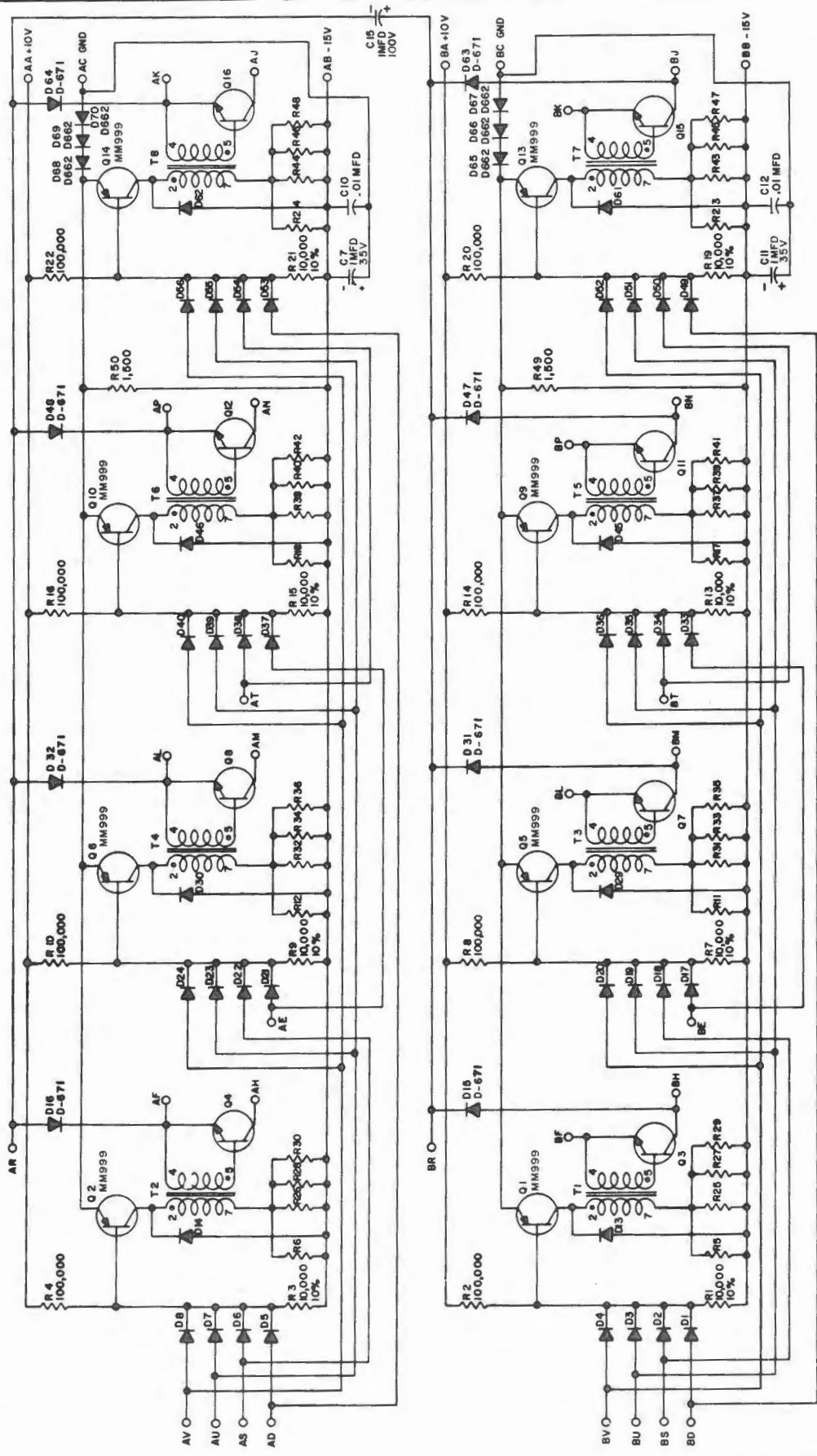
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UNLESS OTHERWISE INDICATED
TRANSFORMERS ARE T-2017
TRANSISTORS ARE DEC 3009A
RESISTORS ARE 1/4 W, 5%
DIODES ARE D-664

REVISIONS		DATE		TRANSISTOR & DIODE CONVERSION CHART		TITLE	
CHG	REV	DATE	REV	ITEM	DATE	ITEM	DATE
59	4	DEC 1966	6	TECG69A	2 NOV 66	MEMORY DRIVER G210	
59	5	DEC 1964	3B	DEC2894-3B	1 NOV 66	EQUIPMENT	C
59	6	JAN 1967	6	D662	1 NOV 66	NUMBER	6210-0-1
59	7	MAY 1967	6	D662	1 NOV 66	PRINTED CIRCUIT REV.	A
59	8	JULY 1967	10	D671	1 NOV 66	REV	B
59	9	NOV 1967	10	D671	1 NOV 66		

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UNLESS OTHERWISE INDICATED:
TRANSFORMERS ARE T-207I
TRANSISTORS ARE DEC 1008

RESISTORS ARE 1/4 W, 5%
DIODES ARE D-664
RESISTORS ARE 1200, 1MW, 10%

PARTS LIST A-PL-G219-0-0

REV/SN	ITEM	DESCRIPTION	QTY
L	6938		
K	6939		
J	6940		
I	6941		
H	6942		
G	6943		
F	6944		
E	6945		
D	6946		
C	6947		
B	6948		
A	6949		
Z	6950		
Y	6951		
X	6952		
W	6953		
V	6954		
U	6955		
T	6956		
S	6957		
R	6958		
Q	6959		
P	6960		
O	6961		
N	6962		
M	6963		
L	6964		

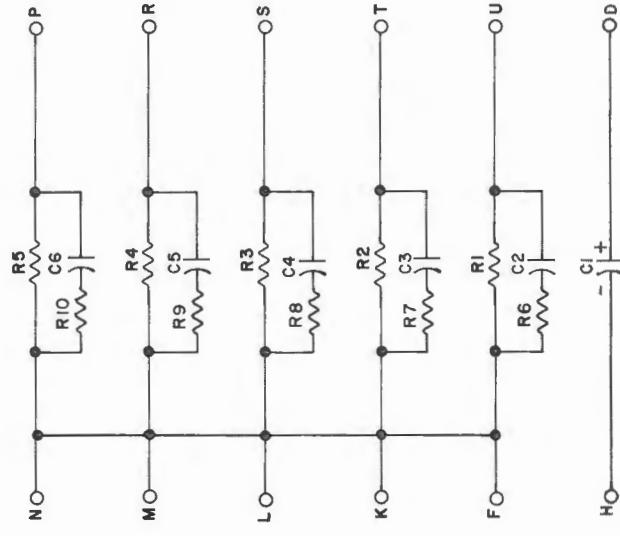
REV/SN	ITEM	DESCRIPTION	QTY
L	6938		
K	6939		
J	6940		
I	6941		
H	6942		
G	6943		
F	6944		
E	6945		
D	6946		
C	6947		
B	6948		
A	6949		
Z	6950		
Y	6951		
X	6952		
W	6953		
V	6954		
U	6955		
T	6956		
S	6957		
R	6958		
Q	6959		
P	6960		
O	6961		
N	6962		
L	6963		

TITLE		MEMORY SELECTOR G219	
SIZE	CODE	NUMBER	REV.
G	C	G219-0-1	L
D	C		
E	C		
F	C		
G	C		
H	C		
I	C		
J	C		
K	C		
L	C		
M	C		
N	C		
O	C		
P	C		
Q	C		
R	C		
S	C		
T	C		
U	C		
V	C		
W	C		
X	C		
Y	C		
Z	C		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

Q 1-0-2266 S 8
REV MURRAY 3000 3215

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REFERENCE DESIGNATION	DESCRIPTION	PARTS LIST
R6 - R10	RES. 47 1/4W 10% CC	1300204
R1 - R5	RES. 56 10W 1% WW	1305396
C2 - C6	CAP. 470MMF 100V 5% DLML	1000024
C1	CAP. 20MF 50V -10+75% ELECT	1002839
	PARTS LIST	A-PL-G622-0-O
		PART NO.

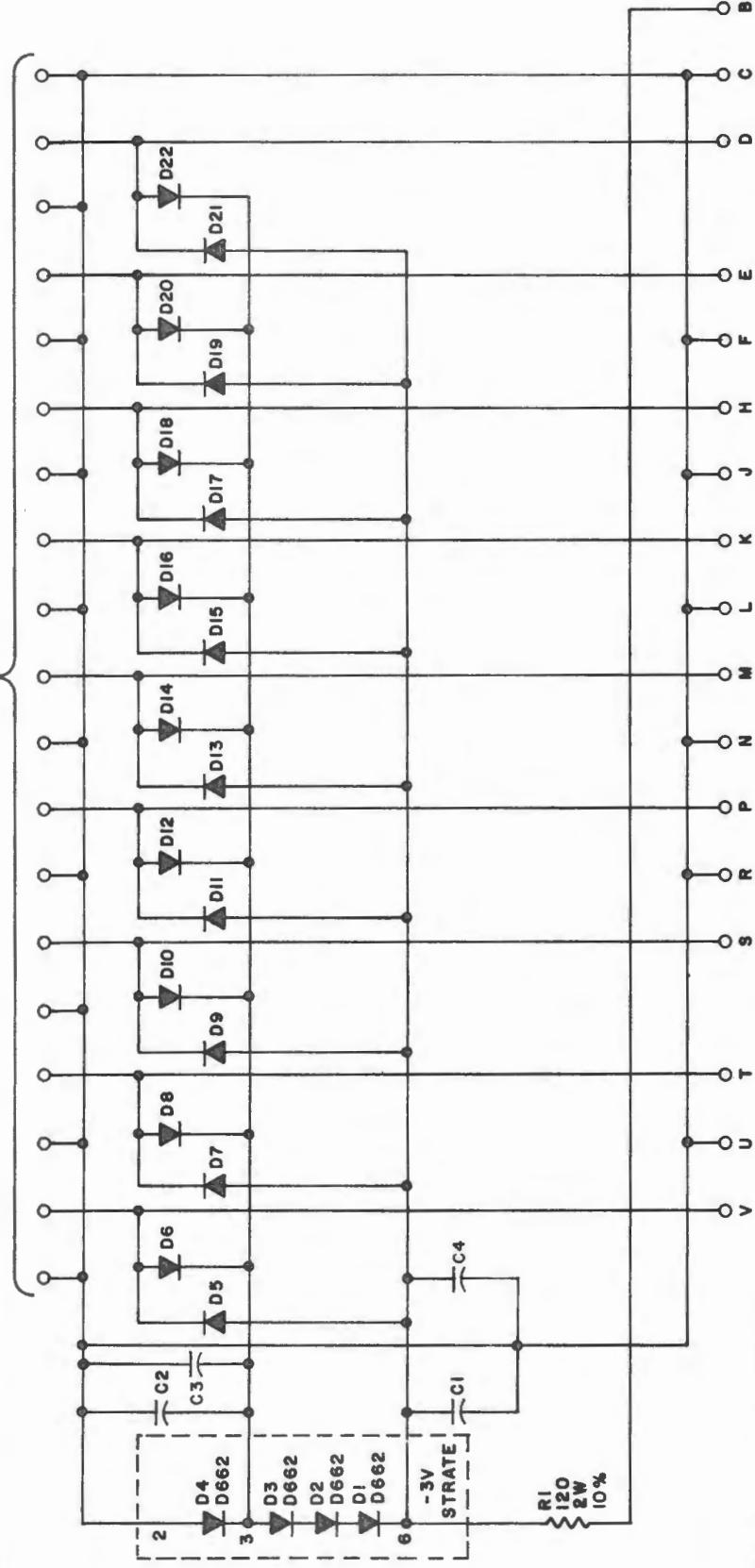
REVISIONS	DATE	TRANSISTOR & DIODE CONVERSION CHART	TITLE
D	DATE 12-20-64	DEC EIA	RESISTOR BOARD G622
C	DATE 12-20-64	DEC EIA	digital
B	DATE 12-20-64	SIZE CODE	EQUIPMENT
A	DATE 12-20-64	CS	CORPORATION
	DATE 12-20-64		MAYNARD, MASSACHUSETTS
	DATE 12-20-64		PRINTED CIRCUIT REV.
	DATE 12-20-64		D

DEC FORM NO. DRB 102

REV A NUMBER 1-0-9795-0 CS 3200 DATE 8/20/86

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FLEX PRINT



REVISIONS		DATE		EIA		DEC		EIA		DEC		EIA	
CHK	CHG NO.	REV.											
	6145	A											

DN: M. Baller DATE: 2-7-87
C/N: 100-10000 DATE: 2/1/96/1
E/N: D DATE: 1/28/87
PROD. DATE:

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE: CABLE TERMINATOR G795

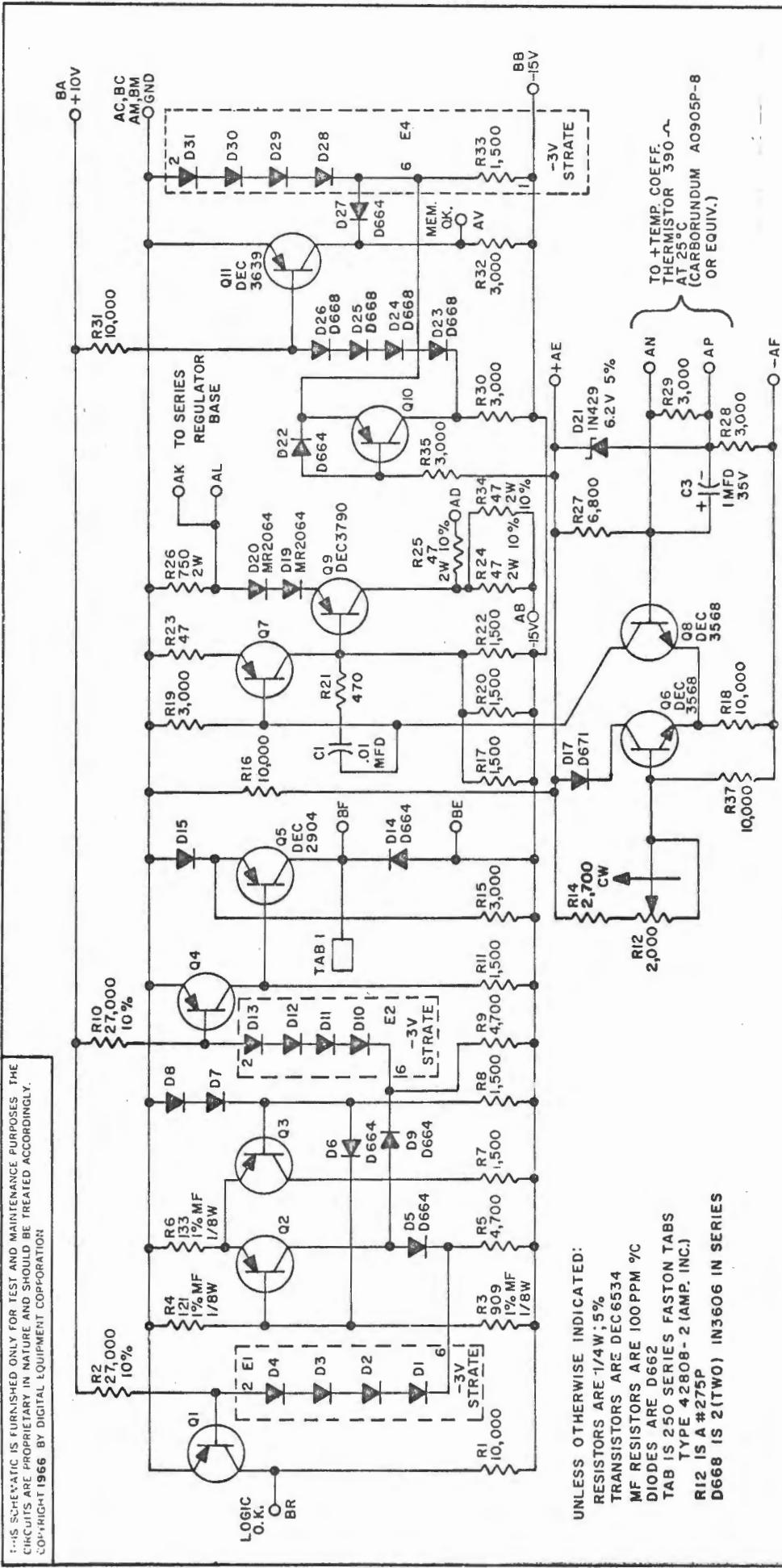
NUMBER: G795-0-1

REV: A

PRINTED CIRCUIT REV: D

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3 A_H NUMBER 6804-0-1
8 CS 3000 321S



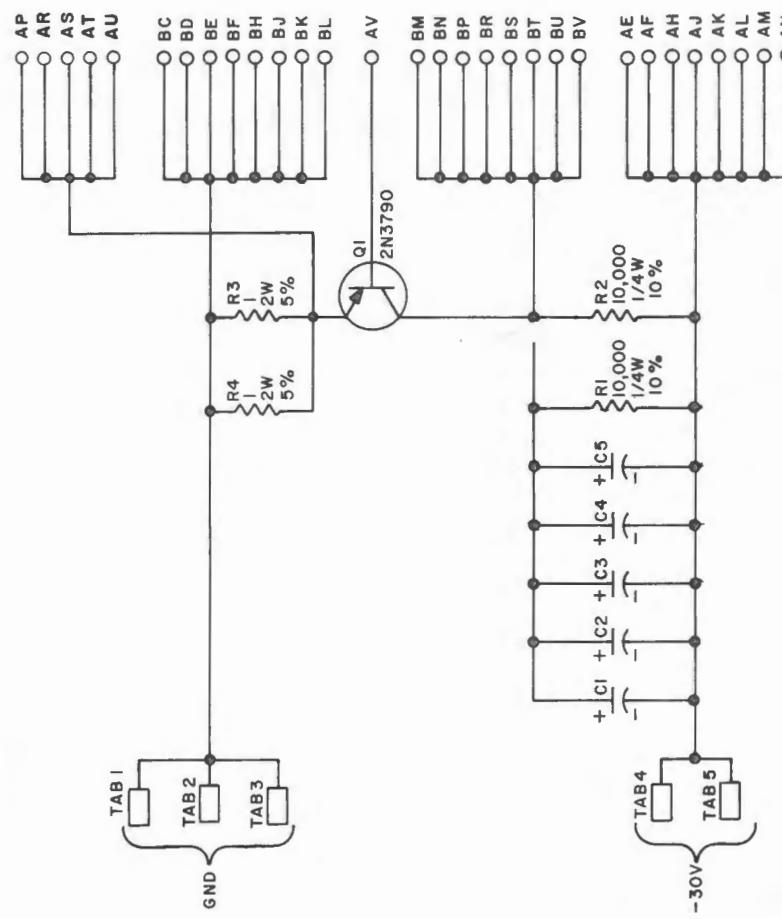
TO + TEMP. COEFF.
AT 25°C
(CARBORUNDUM A0905P-8
OR EQUIV.)

TRANISITOR & DIODE CONVERSION CHART				TITLE	
DRN.	DATE	DEC	FIA	digital	
CHK'D	DATE	DATE	DATE	SIL'S CODE	REV
ENQ	DATE	DATE	DATE	B CS G804-0-1	E
PROD 2	DATE	DATE	DATE	MAINTAIN MASSACHUSETTS	PRINTED CIRCUIT REV
REV	DATE	DATE	DATE	MR2064	D

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3
A3H
NUMBER
6805-0-1
3003 3215



UNLESS OTHERWISE INDICATED:
CAPACITORS ARE 20MF 50V
TABS ARE 250 SERIES FASTON TABS TYPE 60465-2 (AMP INC)
Q1 IS MOUNTED ON HEAT SINK, WAKEFIELD TYPE NC-623-A USING AN
ANODIZED ALUMINUM INSULATING WASHER & WAKEFIELD TYPE 120
THERMAL JOINT COMPOUND

REV	C	D	E
6468			
5902			
CHG			
CS			
PRINTED CIRCUIT REV.			

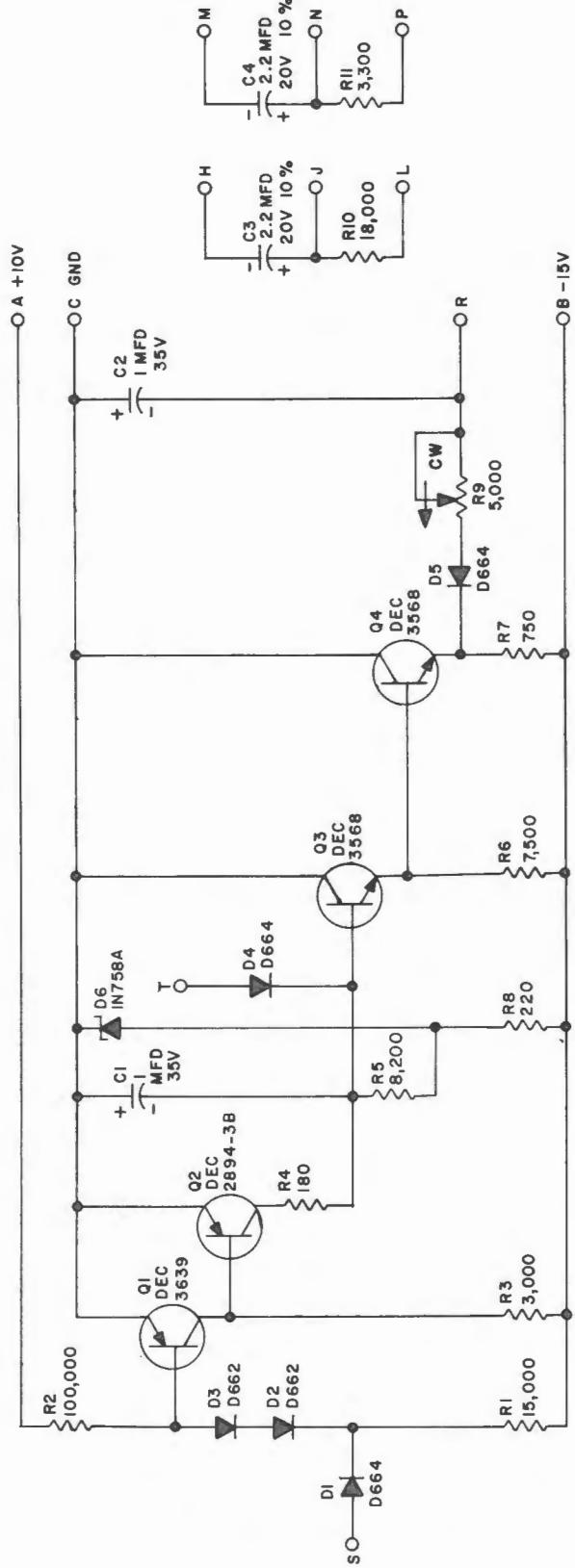
DRN	DATE	TRANSISTOR & DIODE CONVERSION CHART
2N3790	DEC 1966	EIA
2N3790	SAME	EIA
H.C. S. 5902	DATE 1/15/67	
PROD. 1	DATE 1/15/67	

TITLE		NEGATIVE REGULATOR G805	
digital		CODE	REV
EQUIPMENT CORPORATION	MAYNARD, MASSACHUSETTS	G805-0-1	E
SIZE	CS	NUMBER	
REV		PRINTED CIRCUIT REV.	

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REV. E
NUMBER 1-0-3-0-0
300 CS
8
374S



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 5%
R9 IS A #275P

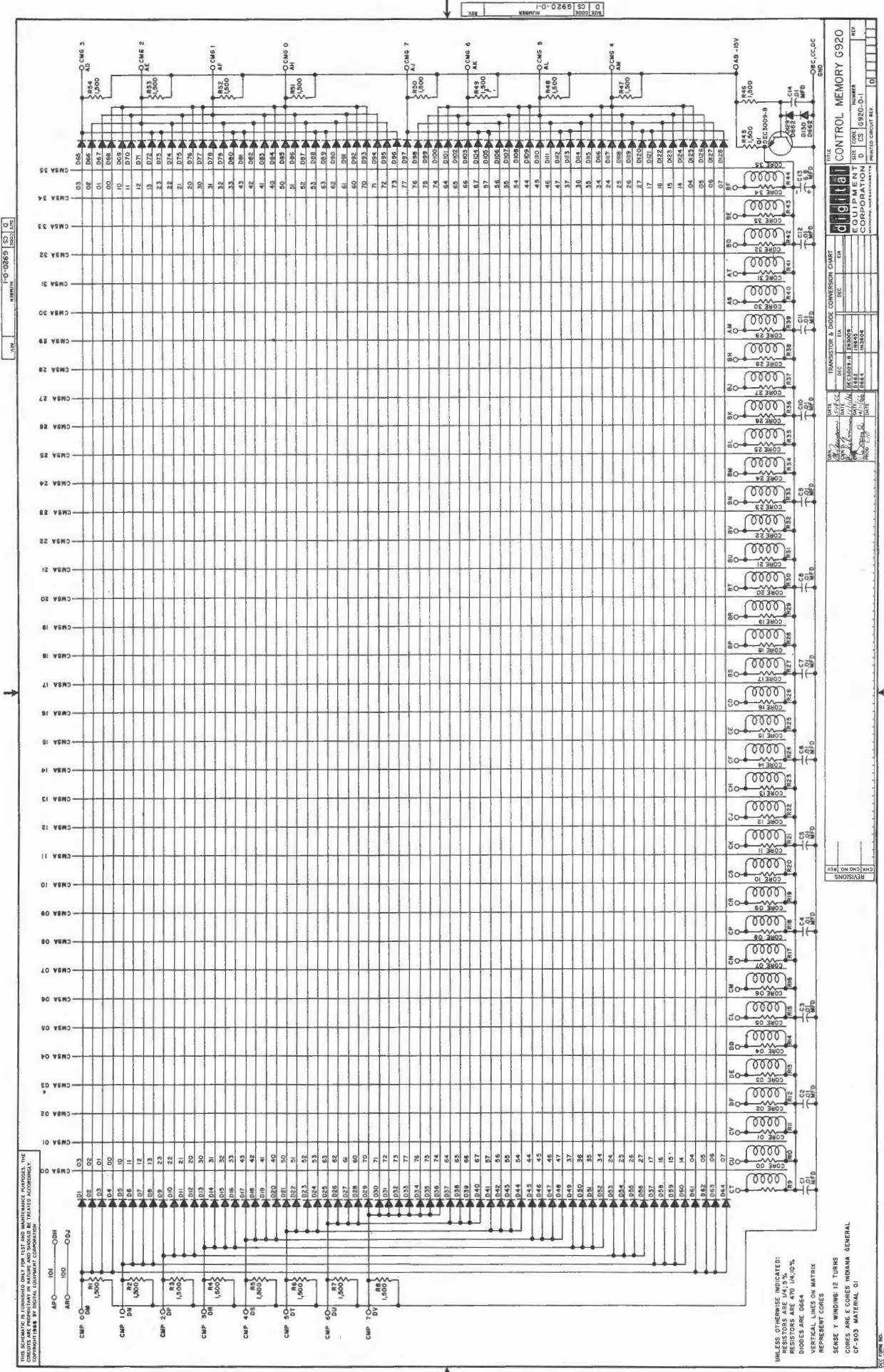
PARTS LIST A-PL-G903-0-0

REVISIONS	CHG NO	REV	DRN	TRANSISTOR & DIODE CONVERSION CHART		EIA	DEC	DATE	N. PERRYMAN	DATE	CLOCK ACCELERATOR G903																
				Q1	Q2	Q3	Q4	C1	C2	C3	C4	D1	D2	D3	D4	D5	D6	D7	D8	D9	EIA	DEC	CODE	NUMBER	SIZE	CORPORATION	REV.
	5743	A	6876	2N3639	2N3638	2N3639	2N3639	2.2 MFD 35V	1 MFD 35V	2.2 MFD 20V 10%	2.2 MFD 20V 10%	6862	6862	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743	F
	5744	B	5678	2N3639	2N3638	2N3639	2N3639	2.2 MFD 35V	1 MFD 35V	2.2 MFD 20V 10%	2.2 MFD 20V 10%	6864	6864	5744	5744	5744	5744	5744	5744	5744	5744	5744	5744	5744	5744	5744	
	5745	C	5745	2N3639	2N3638	2N3639	2N3639	2.2 MFD 35V	1 MFD 35V	2.2 MFD 20V 10%	2.2 MFD 20V 10%	6864	6864	5745	5745	5745	5745	5745	5745	5745	5745	5745	5745	5745	5745	5745	
	5746	D	5746	2N3639	2N3638	2N3639	2N3639	2.2 MFD 35V	1 MFD 35V	2.2 MFD 20V 10%	2.2 MFD 20V 10%	6864	6864	5746	5746	5746	5746	5746	5746	5746	5746	5746	5746	5746	5746	5746	

Print No. 434
Date 3/24/66

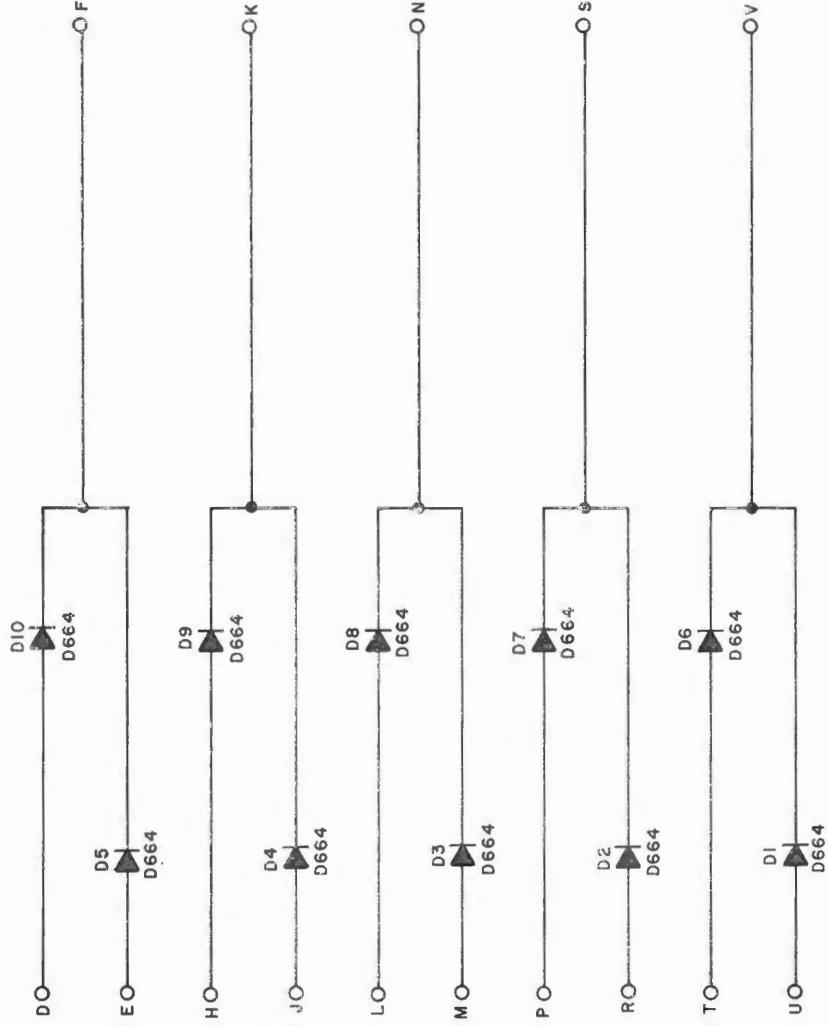
DEC FORM NO.
DRB 102

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



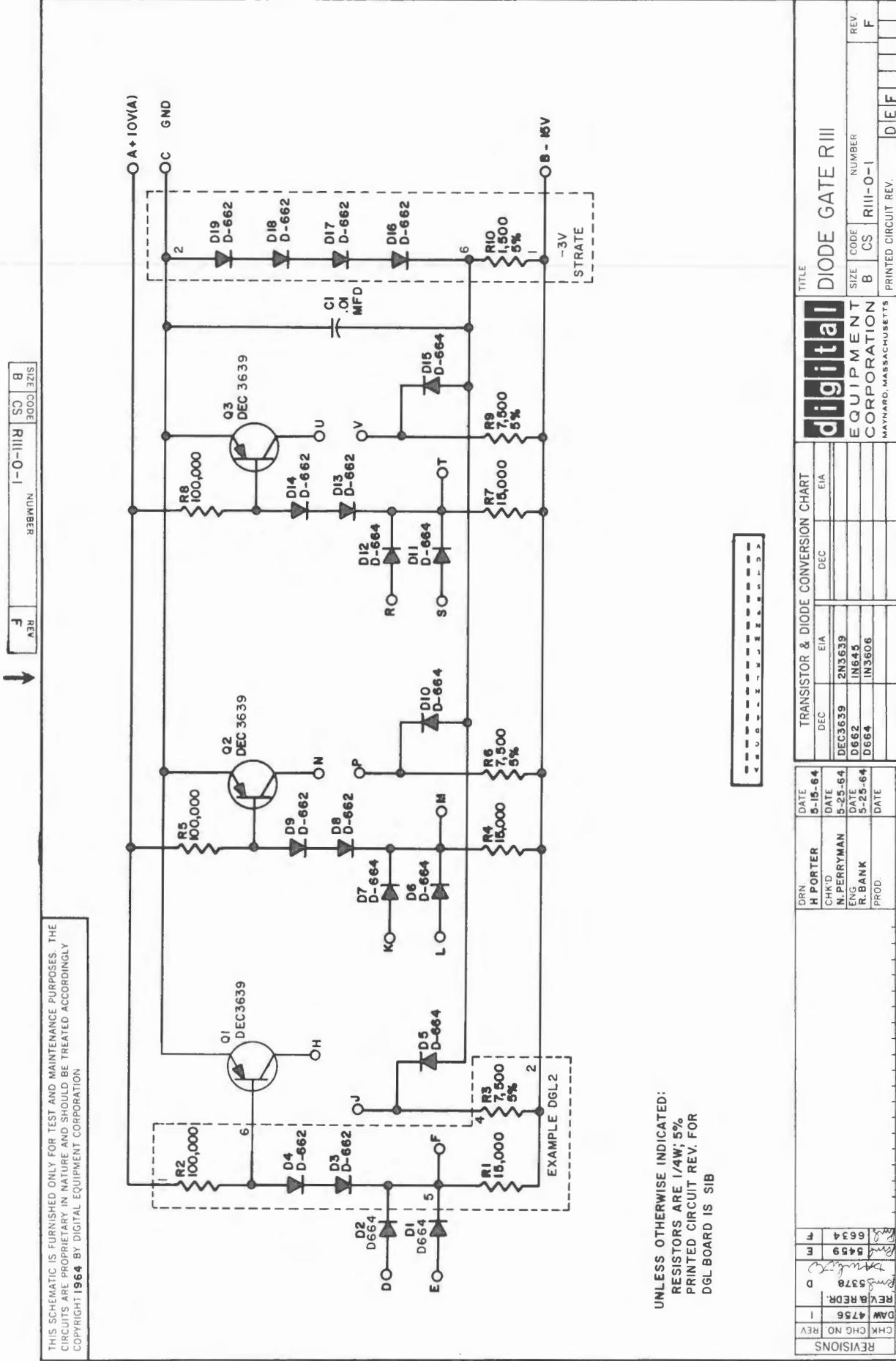
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SIZE B	CODE CS	NUMBER R002-0-1	REV. A
-----------	------------	--------------------	-----------

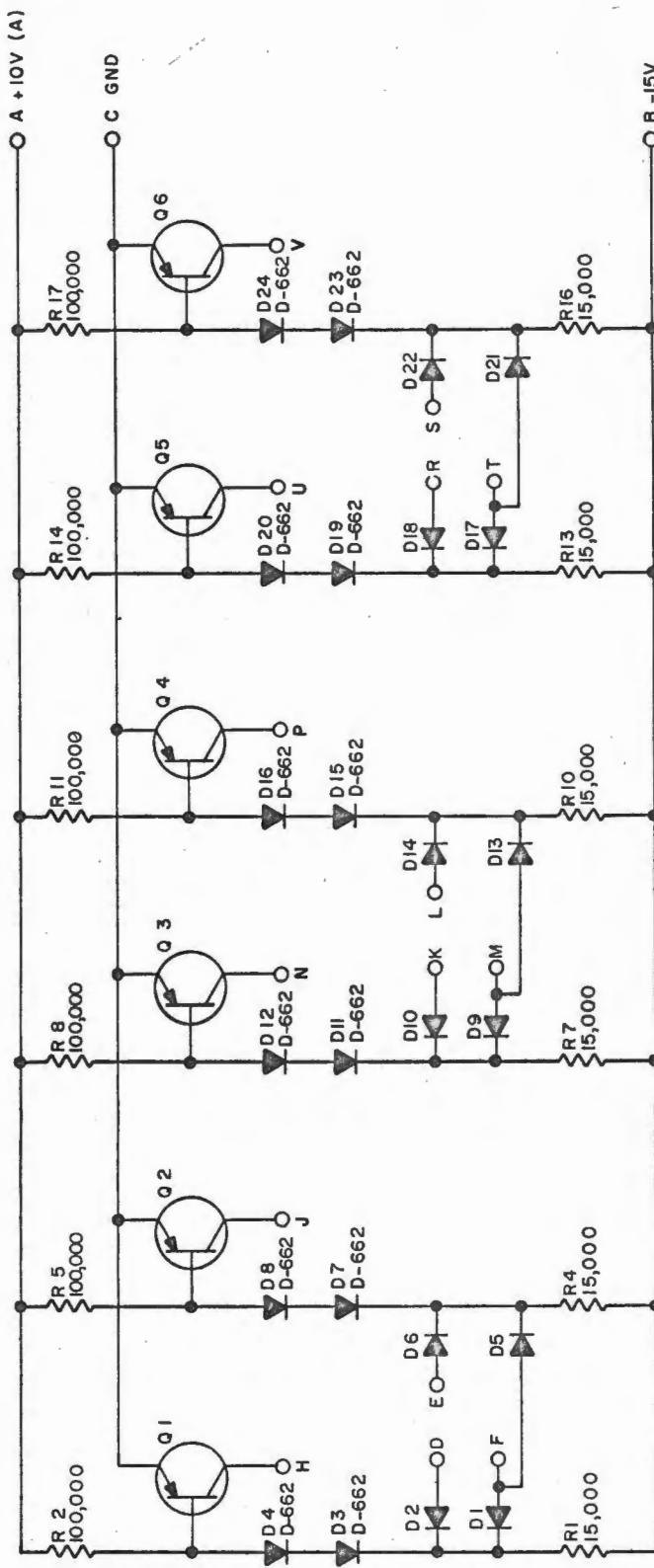


DIGITAL EQUIPMENT CORPORATION : MAYNARD, MASSACHUSETTS

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W 5%
PRINTED CIRCUIT REV. FOR
DGL BOARD IS SIB



UNLESS OTHERWISE INDICATED:
TRANSISTORS ARE DEC 3639-0
RESISTORS ARE 1/4 W, 5%
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART		NOTES	
DEC	EIA	DEC	EIA
DEC 3639-0	2N 3639		
D-662	IN 645		
D-664	IN 3606		

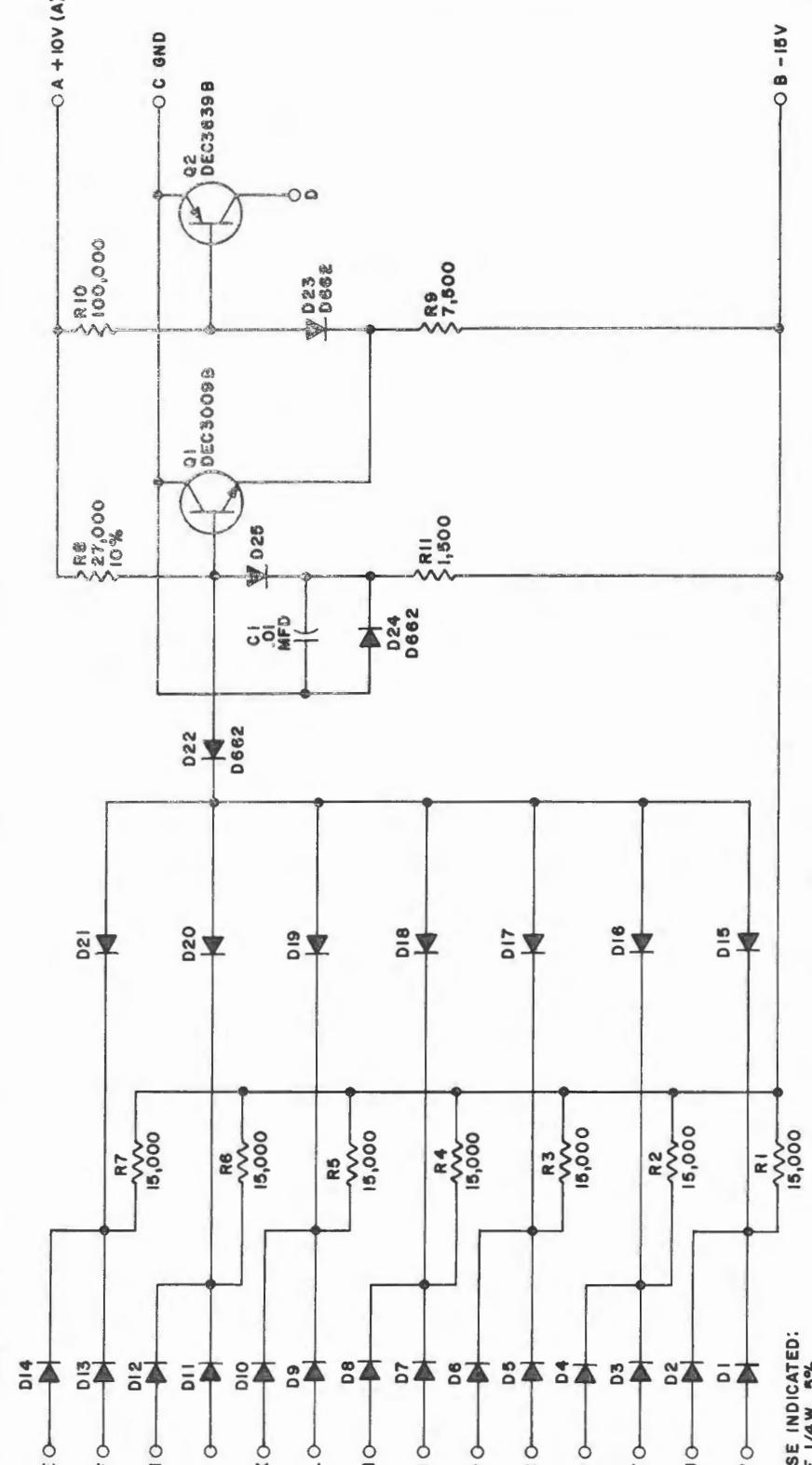
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A	RS-B-R123	I
DIODE GATE R123		

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REV.	A
NUMBER	R141-0-1
CS	3000-225
g	8



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W, 5%
DIODES ARE D664

REV. B		REV. F		REV. G		REV. H		REV. I		REV. J	
CHG NO	NO										
6544	5	5276	5	5276	5	5276	5	5276	5	5276	5
DRW FORM NO	DRB 102										
DATE	7-16-64										
DRW	A. OUELLETTE	DRW	N. PERRYMAN								
CHG NO	7-16-64										
REV. B	EQ. 3009B										
REV. C	DEC3639B										
REV. D	1N645										
REV. E	IN3605										
REV. F	MAYNARD, MASSACHUSETTS										
REV. G	PRINTED CIRCUIT REV.										
REV. H	E										
REV. I	F										
REV. J	A										

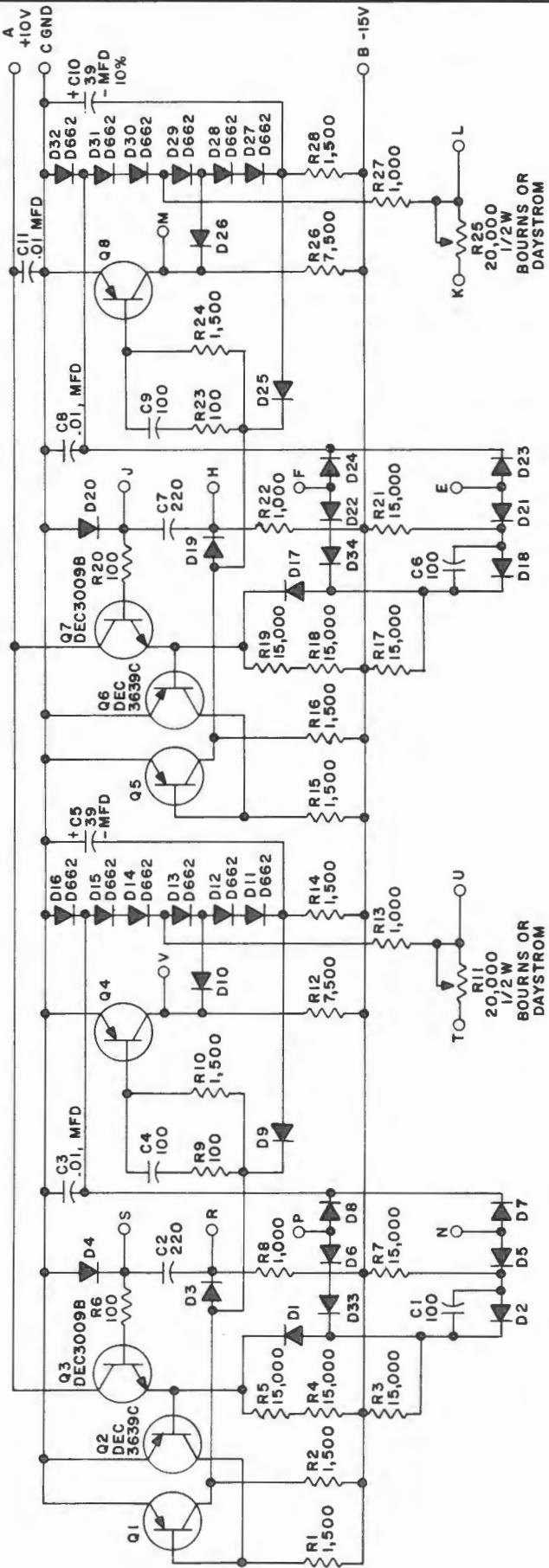
↓

REV. B		REV. F		REV. G		REV. H		REV. I		REV. J	
CHG NO	NO										
6544	5	5276	5	5276	5	5276	5	5276	5	5276	5
DRW FORM NO	DRB 102										
DATE	7-16-64										
DRW	A. OUELLETTE	DRW	N. PERRYMAN								
CHG NO	7-16-64										
REV. B	EQ. 3009B										
REV. C	DEC3639B										
REV. D	1N645										
REV. E	IN3605										
REV. F	MAYNARD, MASSACHUSETTS										
REV. G	PRINTED CIRCUIT REV.										
REV. H	E										
REV. I	F										
REV. J	A										

↑

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S R302-0-1 NUMBER
321 CS B



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W, 5%
CAPACITORS ARE MFD
DIODES ARE D664
TRANSISTORS ARE DEC3639

PARTS LIST A-PL-R302-0-0

REV/SN	PART NO.	REV	TRANSISTOR & DIODE CONVERSION CHART			TITLE
			DEC	EIA	EIA	
6749	66996	6976	DEC3639	2N3639		digital
6499	66996	6976	DEC3009B	2N3009		delay R302
66996	66996	6976	D662	IN645		
66996	66996	6976	D664	IN3606		
66996	66996	6976	DEC3639C	2N3639		

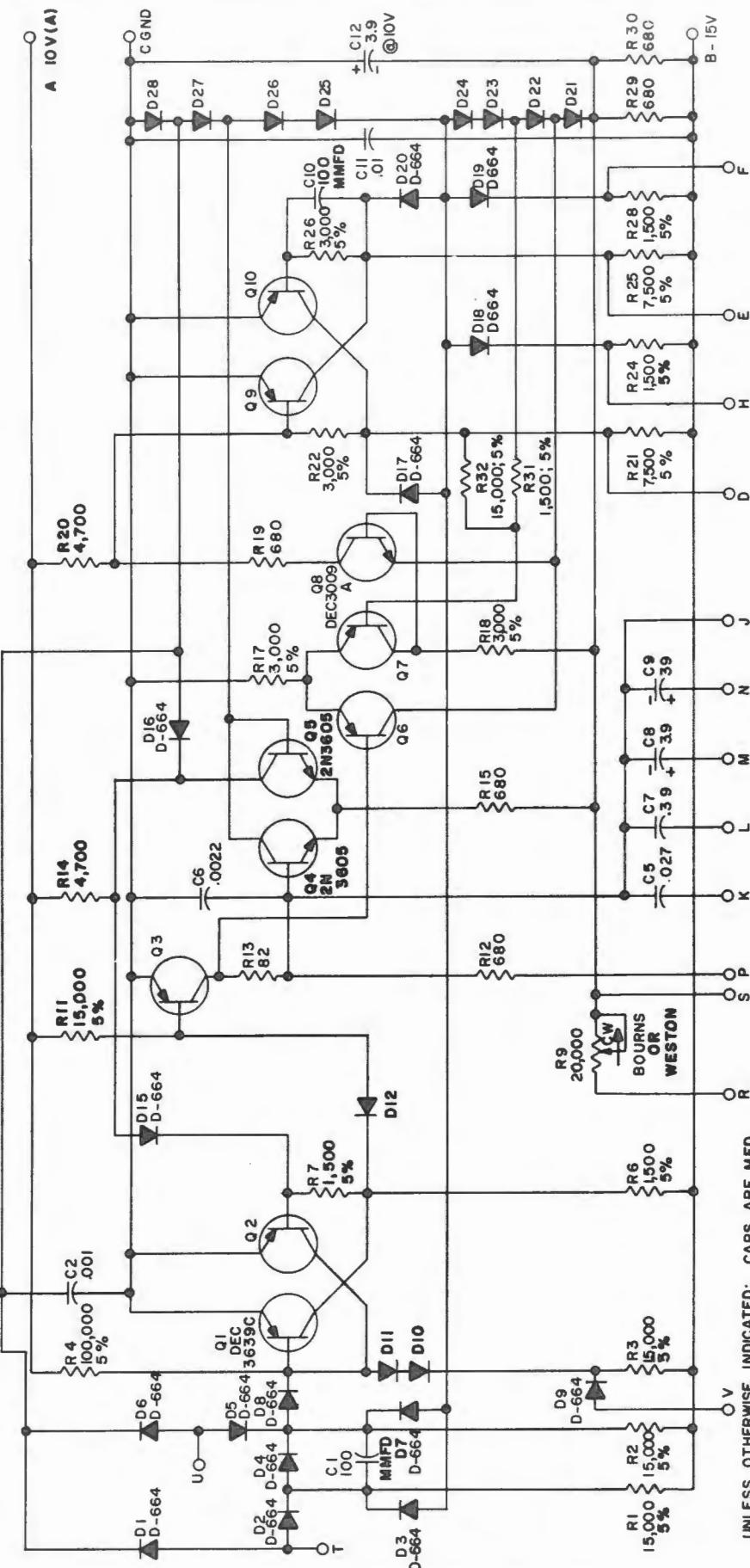
DEC FORM NO.
DRB 102

Dist 324 434

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SIZE B	CODE CS	NUMBER R303-0-1	REV. K
-----------	------------	---------------------------	------------------



UNLESS OTHERWISE INDICATED: CAPS. ARE MFD
RESISTORS ARE 1/4W, 10% R 9 IS A 275P

REVISIONS	CHG NO	REV	DATE
TRANS FNS ARE DEL 30393	3021	2	4-10-86
PARIS LIST A-1-L-K303-U-U	6096	D	4-10-86
	6173	E	4-10-86
	6500	F	4-10-86
	6669	H	4-10-86
	6767	J	4-10-86
	6897	K	4-10-86
L. HANN	CHKD	DATE	4-10-86
R. SILVERMAN	CHKD	DATE	4-10-86
ENG.	CHKD	DATE	4-10-86
R. DOANE	CHKD	DATE	4-10-86
	PROD.	DATE	

TRANSISTOR & DIODE CONVERSION CHART		TITLE		REV.	
EIA	DEC	EIA	CODE	NUMBER	K
2N3009	DECC639C	2N3639			
2H3009					
2N3006					
IN6806					
IN3006					

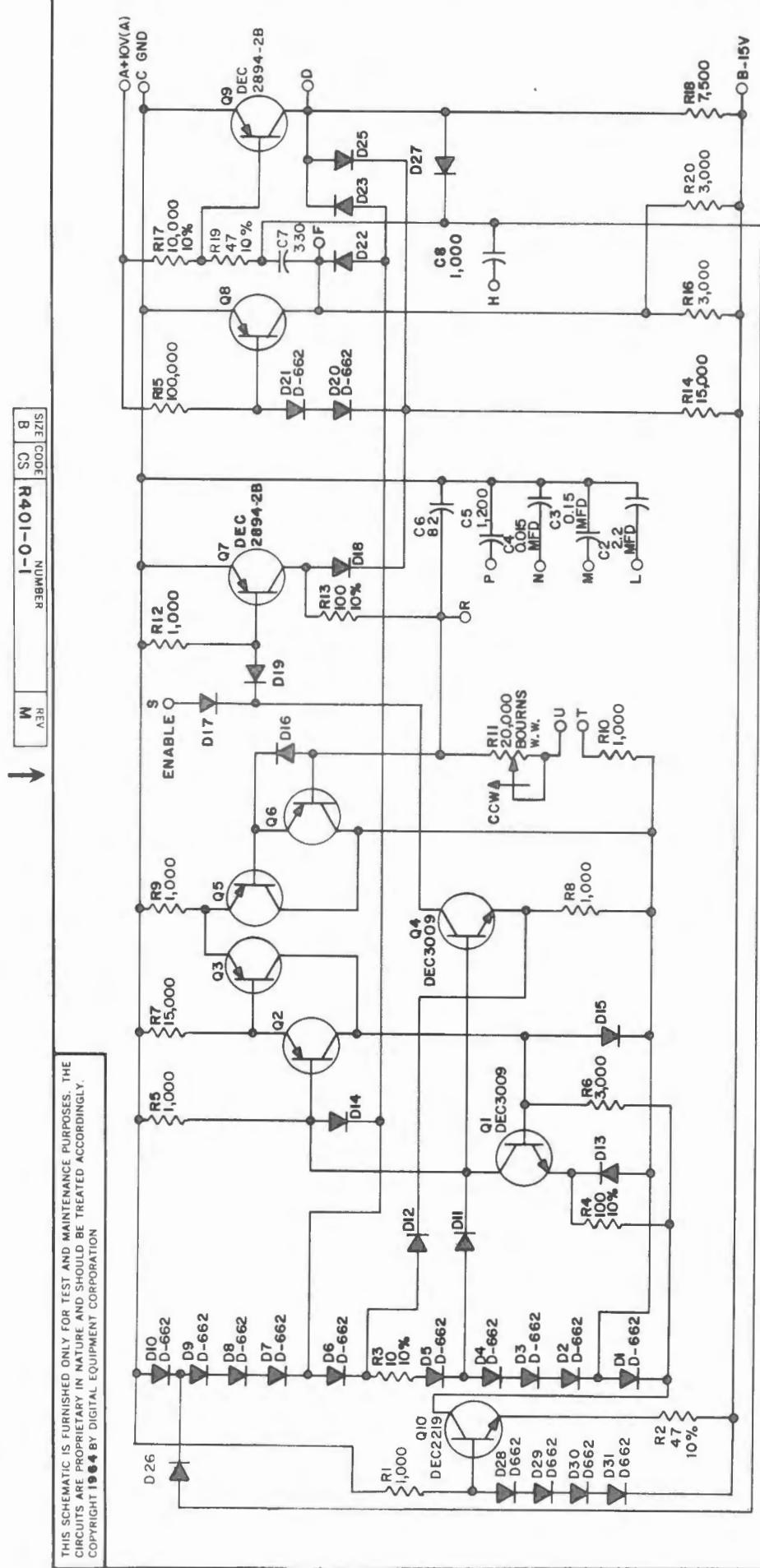
**INTEGRATING
ONE-SHOT R303**

EQUIPMENT CORPORATION		MAINTAIN MASSACHUSETTS		PRINTED CIRCUIT REV.	
B	C	CODE	NUMBER	D	E
		R303-0-1			

INTEGRATING ONE-SHOT R303

PINK D156 324 434 4.33²

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



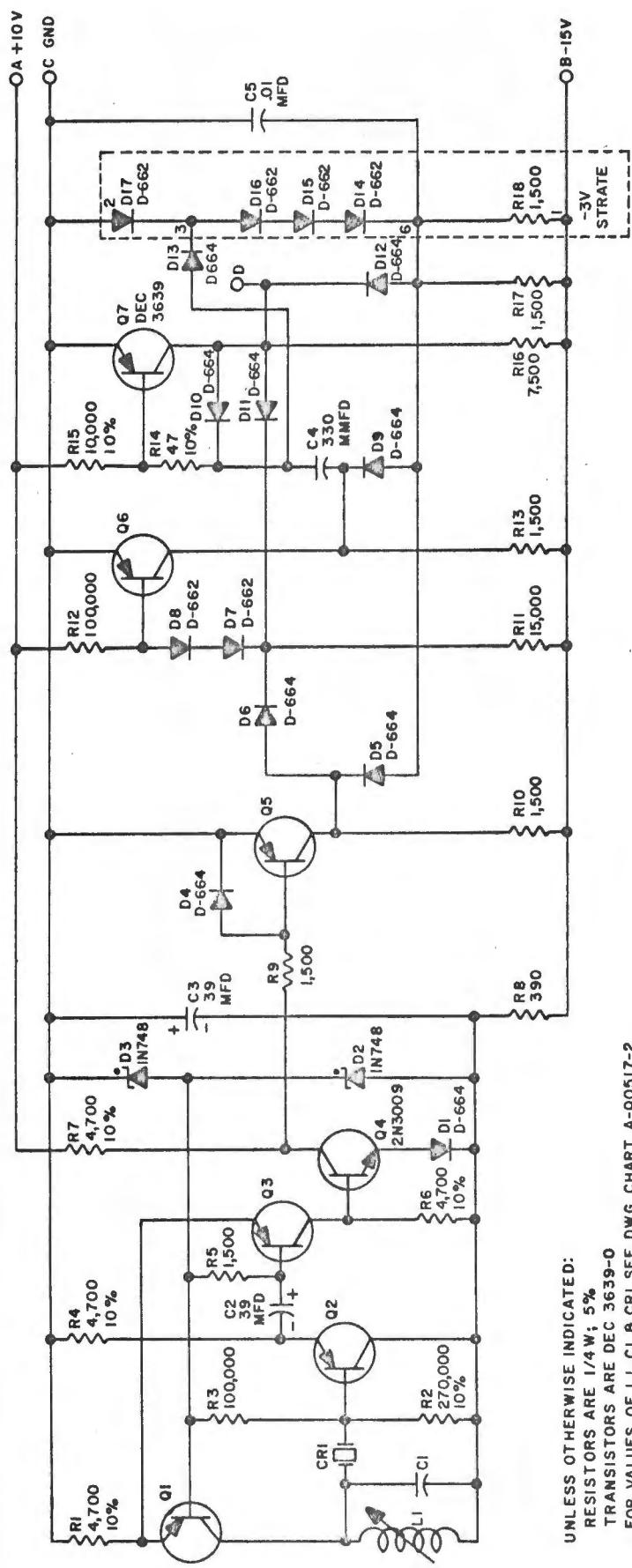
TRANISITOR & DIODE CONVERSION CHART			
	DEC	EIA	DEC
CIRKID N. PERRYMAN	DEC3639-0	2N3639	DEC2219
ENG. D. O'CONNOR	DEC3639-0	2N3009	2N2219
PROD. 2	D662	IN645	
	D664	IN3606	

REVISIONS	REV	CHG NO	REV	CHG NO	REV	REV	CHG NO	REV	CHG NO	REV	REV
REV 3956	8	DAW 5358	9	CHD 3956	10	REV M	DAW 102	11	CHD 102	12	REV H

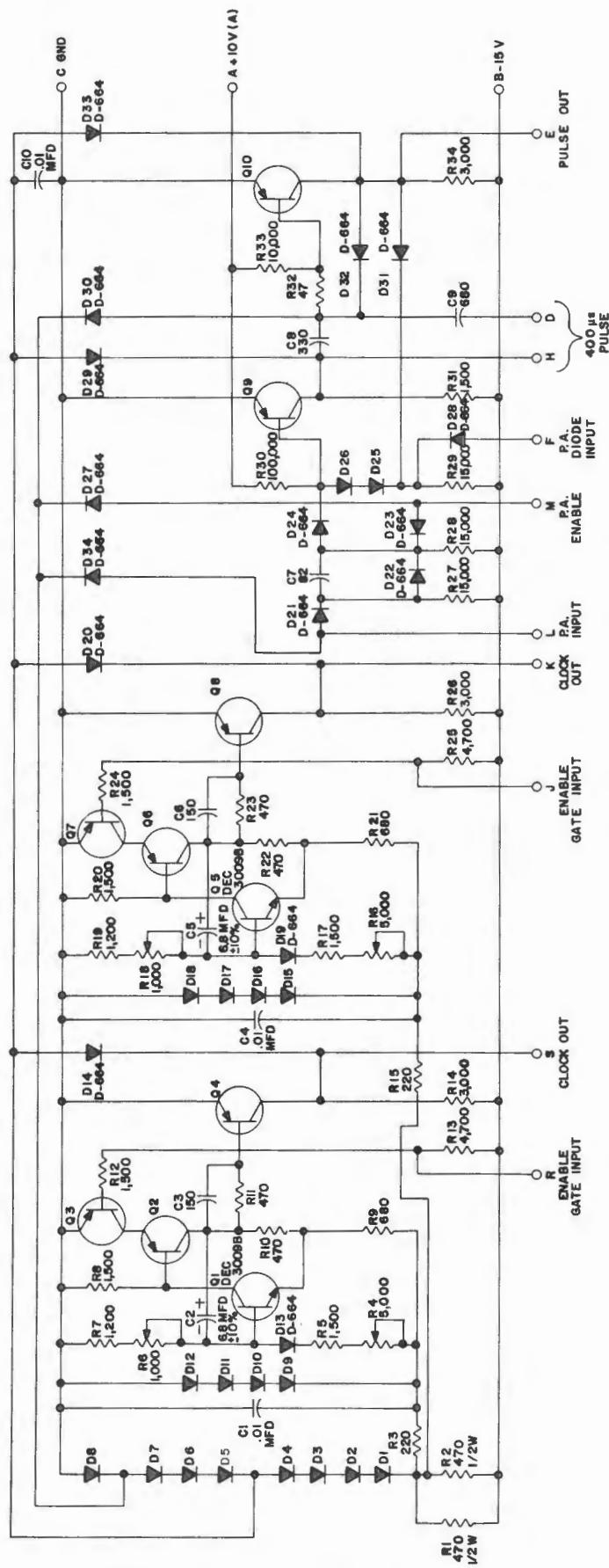
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J REV. J NUMBER R405-O-1 B COOCS 32S

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REVISI0NS				TRANSISTOR & DIODE CONVERSION CHART				TITLE			
REV.	CHG NO.	REV.	DATE	DEC	EIA	DEC	REV.	CRYSTAL CLOCK R405			
5394	5089	6556	11-21-64	DEC3639	2N3639	IN748 3.9V	SAME	H	J		
5395	5090	6557	12-4-64	DEC3639-0	2N3639						
5396	5091	6558	12-4-64	DEC3009	SAME						
5397	5092	6559	DATE	D662	IN655						
				D664	IN5606						

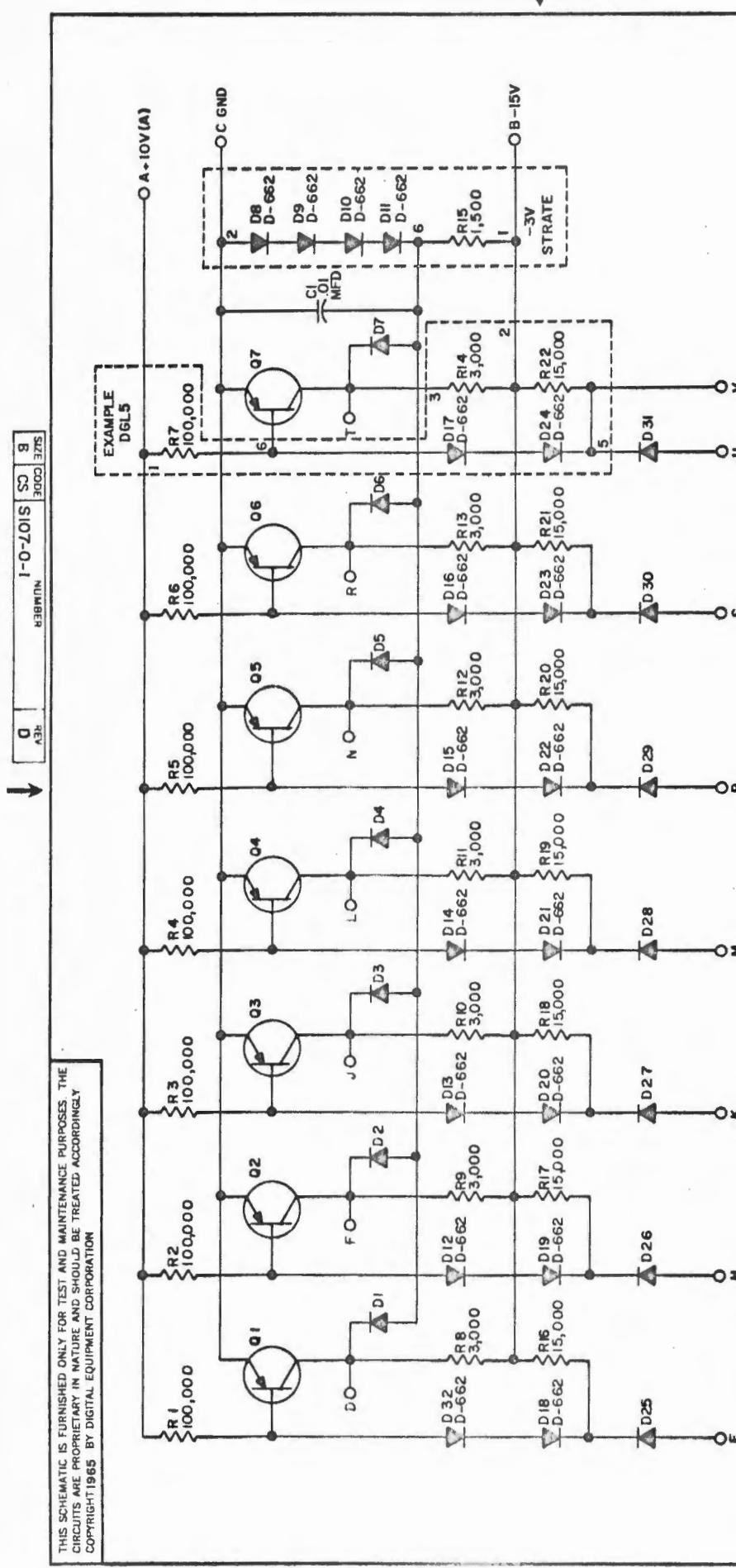


UNLESS OTHERWISE INDICATED:
TRANSISTORS ARE DEC 3639
CAPACITORS ARE MFD
RESISTORS ARE 1/4W, 5%
DIODES ARE D-662
R 4, R 6, R 16 & R 18 ARE TRIMPOTS, MINELCO.

REVISIONS		DATE	TRANSISTOR & DIODE CONVERSION CHART		TITLE	
REV/C	NO	DATE	DEC	EIA	REV/C	NO
6185	E	8-19-65	I.HAHN	2N3639	VARIABLE CLOCK R450	
6295	D	9-15-65	C.HKD	DEC3639		
6305	C	DEC3009B	R.SILVERMAN	2N3009	EQUIPMENT	
6329	B	9-13-65	N.SOGEE	IN448	SIZE	
6349	A	IN464	PROD.	IN465	CODE	
					NUMBER	
					C	R450-0-1
					CS	
					REV	
					E	
					PRINTED CIRCUIT REV.	

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DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



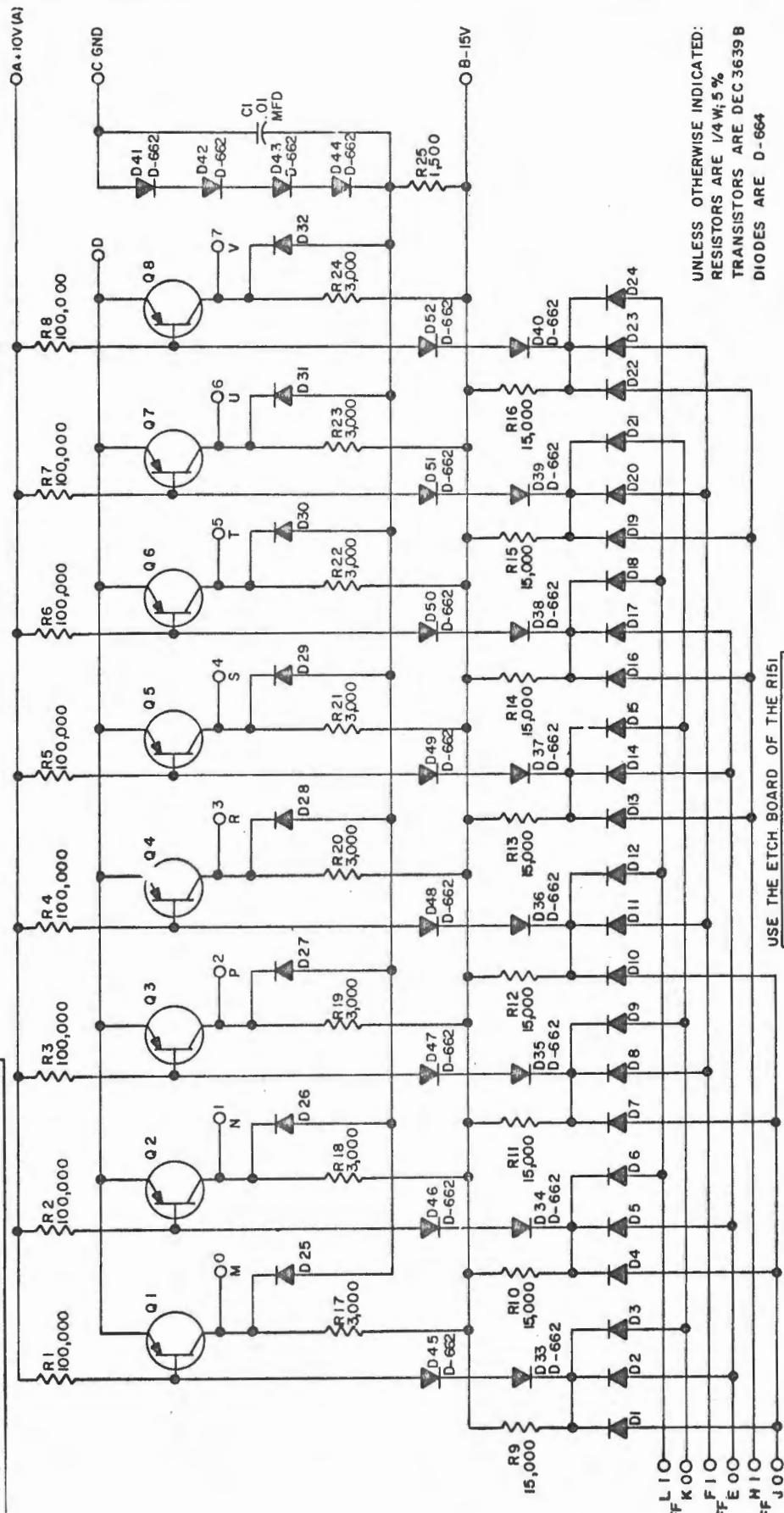
USE THE ETCH BOARD OF THE RI07

PARTS LIST A-PL-SI07-0-0

REVISED		CHECKED		DATE		TRANSISTOR & DIODE CONVERSION CHART		TITLE	
NO.	REV.	NO.	REV.	NO.	REV.	NO.	REV.	NO.	REV.
6364	6365	6364	6365	6-11-65	DEC	6-18-65	DEC	6-18-65	DEC
6366	6367	6366	6367	DATE	DATE	DATE	DATE	DATE	DATE
6368	6369	6368	6369	DEC 3639B	2N3639	DEC 3639B	2N3639	DEC 3639B	2N3639
6369	6370	6369	6370	ENG R SILVERMAN	IN645	ENG R SILVERMAN	IN645	ENG R SILVERMAN	IN645
6370	6371	6370	6371	PROD D664	IN3606	PROD D664	IN3606	PROD D664	IN3606
6371	6372	6371	6372	DATE	DATE	DATE	DATE	DATE	DATE
6372	6373	6372	6373	REV D	REV D	REV D	REV D	REV D	REV D

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NUMBER 5 - 0 - 515
30003 372-S



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W 5%
TRANSISTORS ARE DEC 3639B
DIODES ARE D-664

USE THE ETCH BOARD OF THE SI51

TITLE BINARY TO OCTAL DECODER SI51			
EQUIPMENT CORPORATION	SIZE B	CODE CS	NUMBER S151-0-1
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			REV. C
			PRINTED CIRCUIT REV. B C D
			PINK
REV. C			
DATE 6-1-65			
DRN. I.HARN	DEC 6-1-65	EIA DEC	EIA
CHKD R.SILVERMAN	DATE 6-1-65	DEC 3639B	IN645
ENG. R.SOGGE	DATE 6-18-65	D662	IN3606
PROD.	DATE D.664		

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 3639B	IN645	D662	
D662		DEC 3639B	IN645
D.664		D662	

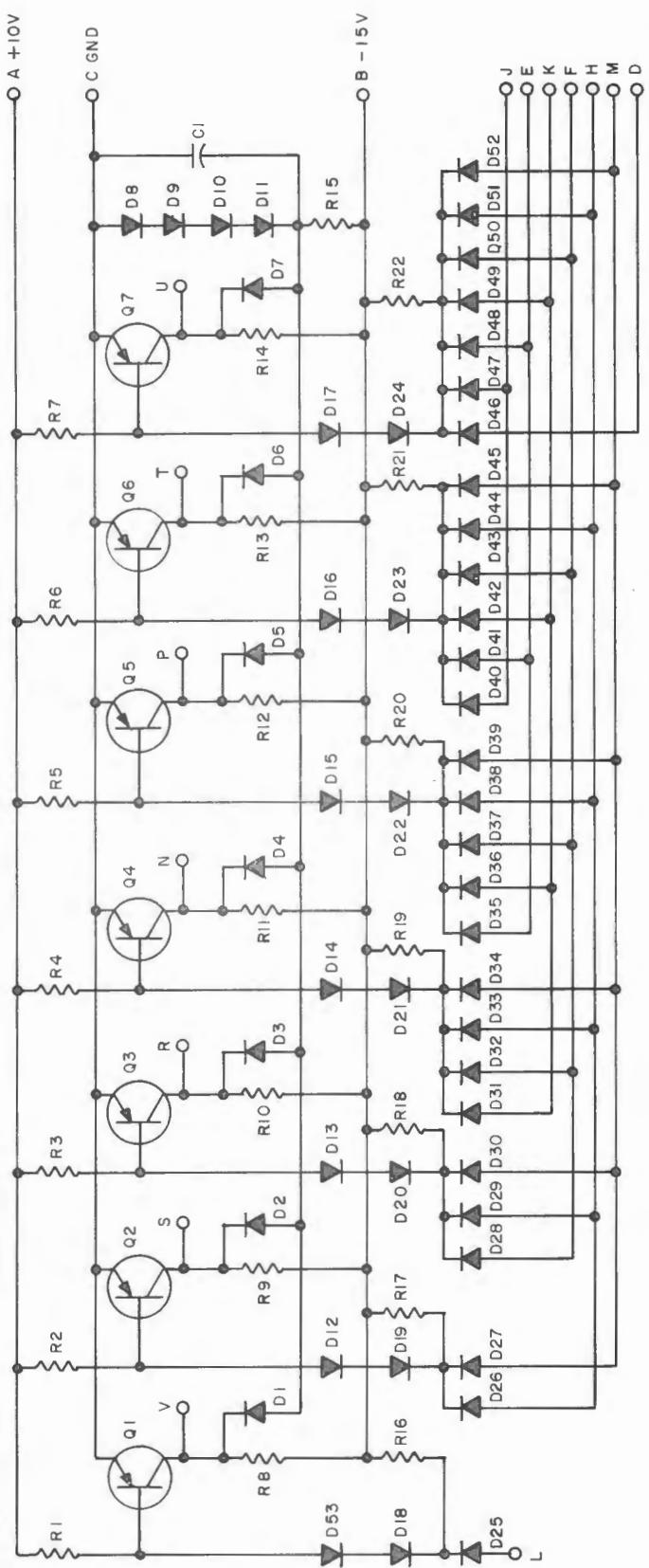
REVISIONS	CHG NO	REV	CHG NO	REV
6924	6920	4	7024	7020
7024	7020	4	7124	7120
7124	7120	4	7224	7220
7224	7220	4	7324	7320

DEC FORM NO. DRB 102
9-62

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

↓ A RAY NUMBER S181-0-1 CS B 32100 CIRCUIT

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REFERENCE DESIGNATION	DESCRIPTION	PARTS LIST	TITLE
Q1 THRU Q7	TRANSISTOR DEC3639B	1502762	DC CARRY CHAIN S181
R16 THRU R22	RES. 1.5K 1/4W 5%	1300496	digitac
R15	RES. 1.5K 1/4W 5% CC	1300391	EQUIPMENT
R8 THRU R14	RES. 3K 1/4W 5% CC	1300432	CORPORATION
R1 THRU R7	RES. 100K 1/4W 5% CC	1302466	MAYNARD, MASSACHUSETTS
D1 THRU D7, D25 THRU D52	DIODE D664	1100114	PRINTED CIRCUIT REV.
D8 THRU D24, D53	DIODE D662	1100113	C
C1	CAP .01MF 50V -0+20% DISC	1000001	A
Parts List	Parts List	A-PL-S181-0-0	
		PART NO.	

USE THE ETCH BOARD OF THE R181

REVISIONS	REV. A	REV. B	REV. C	REV. D	REV. E	REV. F	REV. G	REV. H	REV. I
6759									
CHK'D									
R. SILVERMAN									
ENG.									
R. SOGGE									
PROD.									

DEC FORM NO. DRB 102

324 434 535 2
DIST: 324 434 535 2
DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

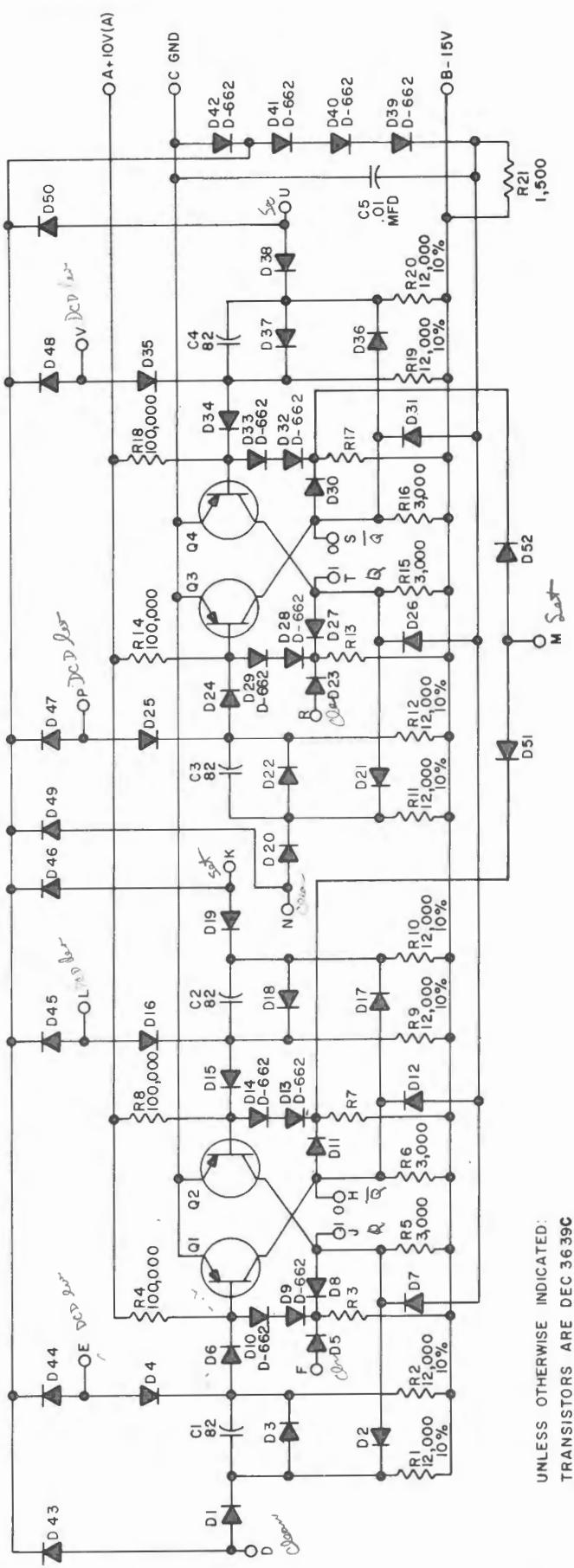
DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

DEC FORM NO. 102

REV A 494		REV B 6493		REV C 6469		REV D 6464	
CHG	NO.	CHG	NO.	CHG	NO.	CHG	NO.
6683		6493		6469		6464	
DATE		DATE		DATE		DATE	
1. HAHN	6-15-65	2. SIVERMAN	6-18-65	3. N3639	IN 645	4. IN 3606	IN 3606
CHKD		ENG		PROD.		PROD.	
EQUIPMENT CORPORATION							
MAYNARD, MASSACHUSETTS							
PRINTED CIRCUIT REV. D							

USE THE ETCH BOARD OF THE R202

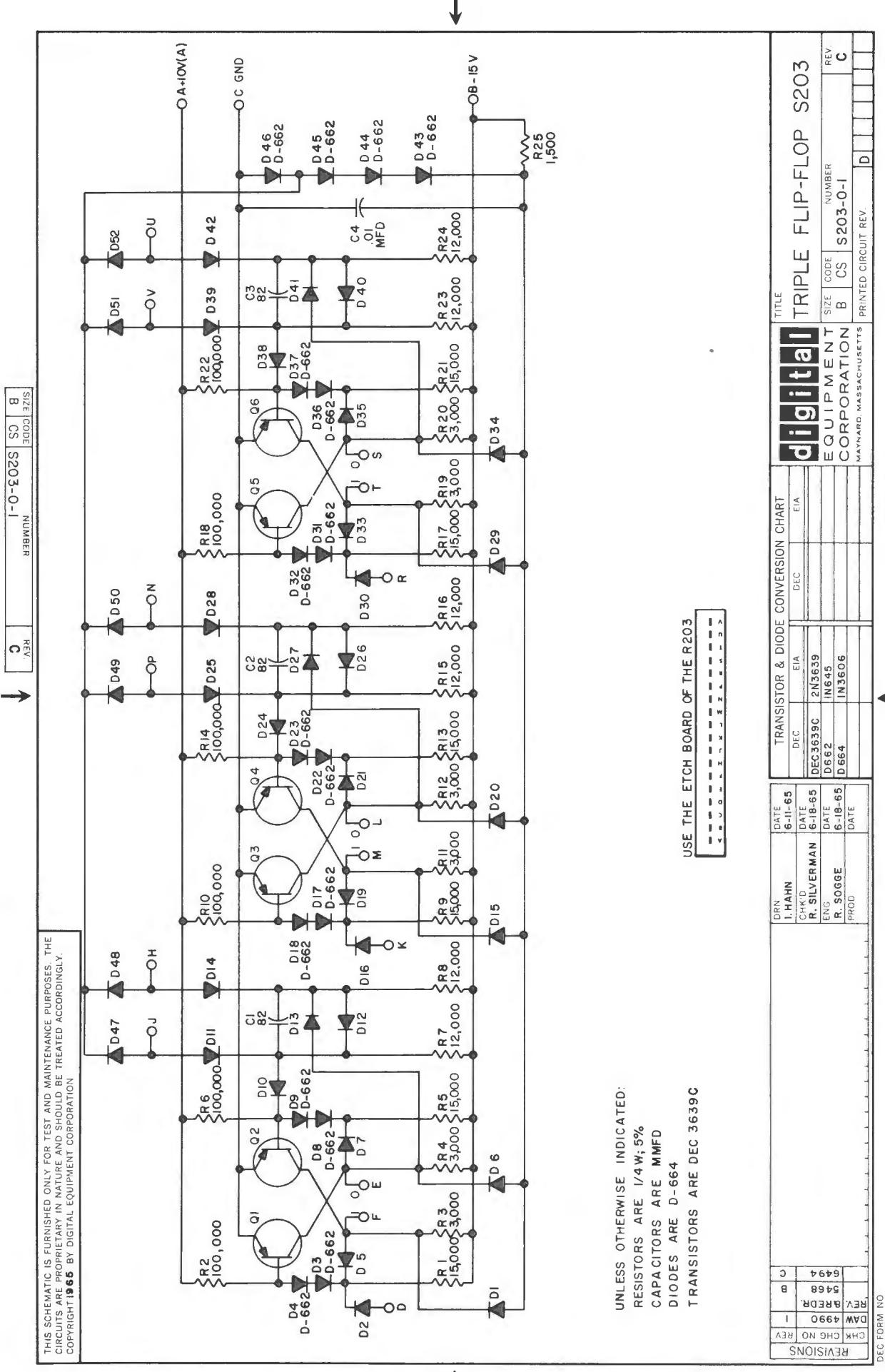
UNLESS OTHERWISE INDICATED:
 TRANSISTORS ARE DEC 3639C
 RESISTORS ARE 15,000
 RESISTORS ARE 1/4W ± 5%
 CAPACITORS ARE MMF
 DIODES ARE D-664



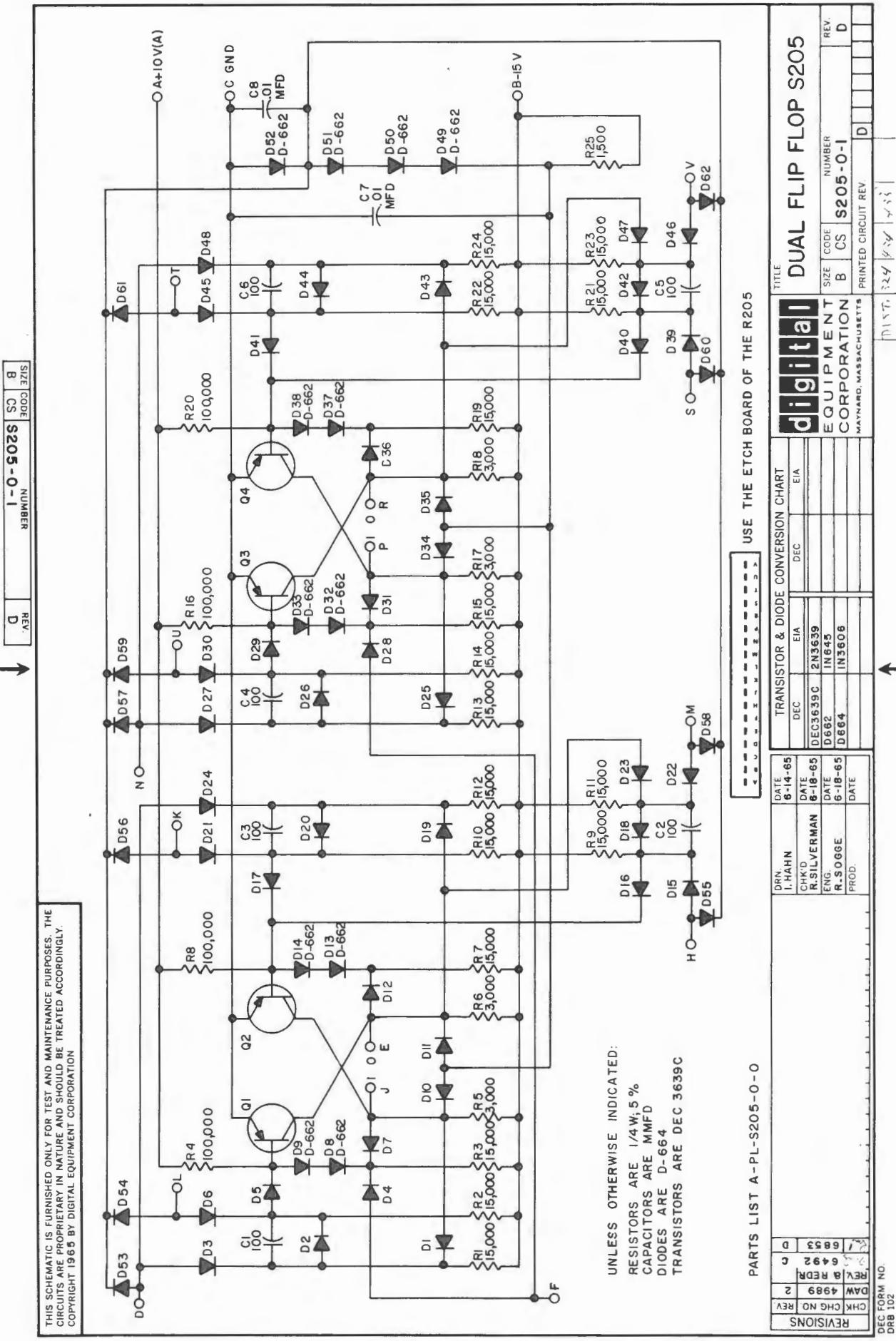
Q	A
N.Y.	

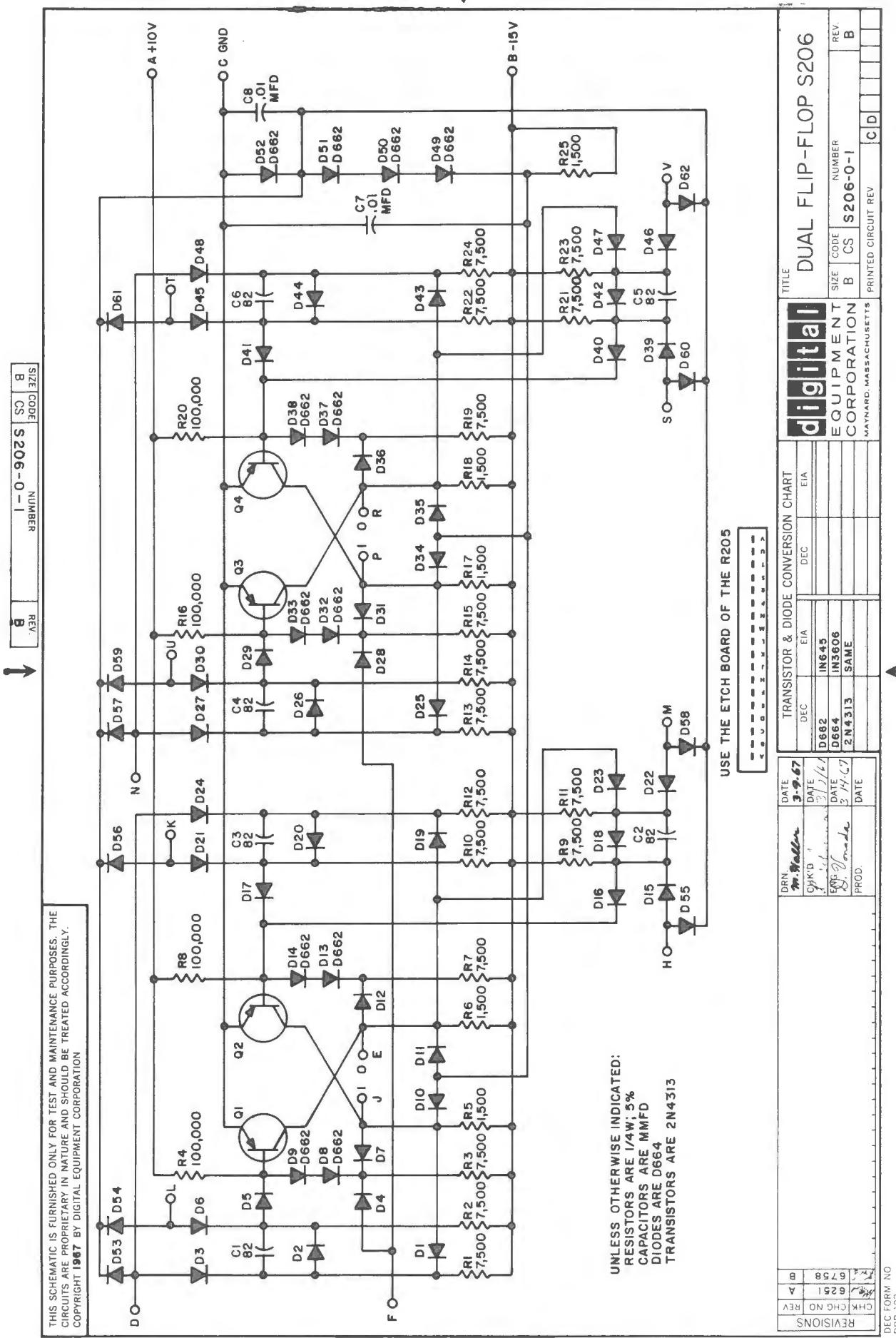
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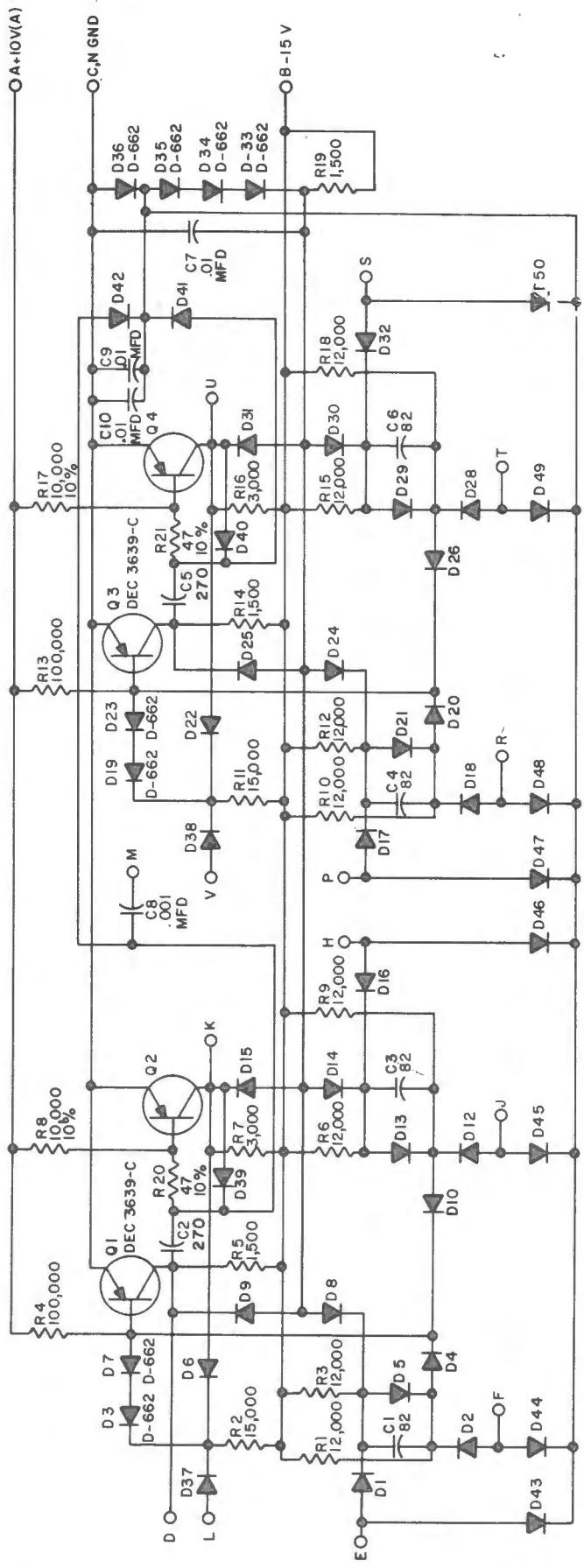




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H
REV
1-0-209S
N
8
3000
3737



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
CAPACITORS ARE MMFD
DIODES ARE D-664
TRANSISTORS ARE DEC2894-2B

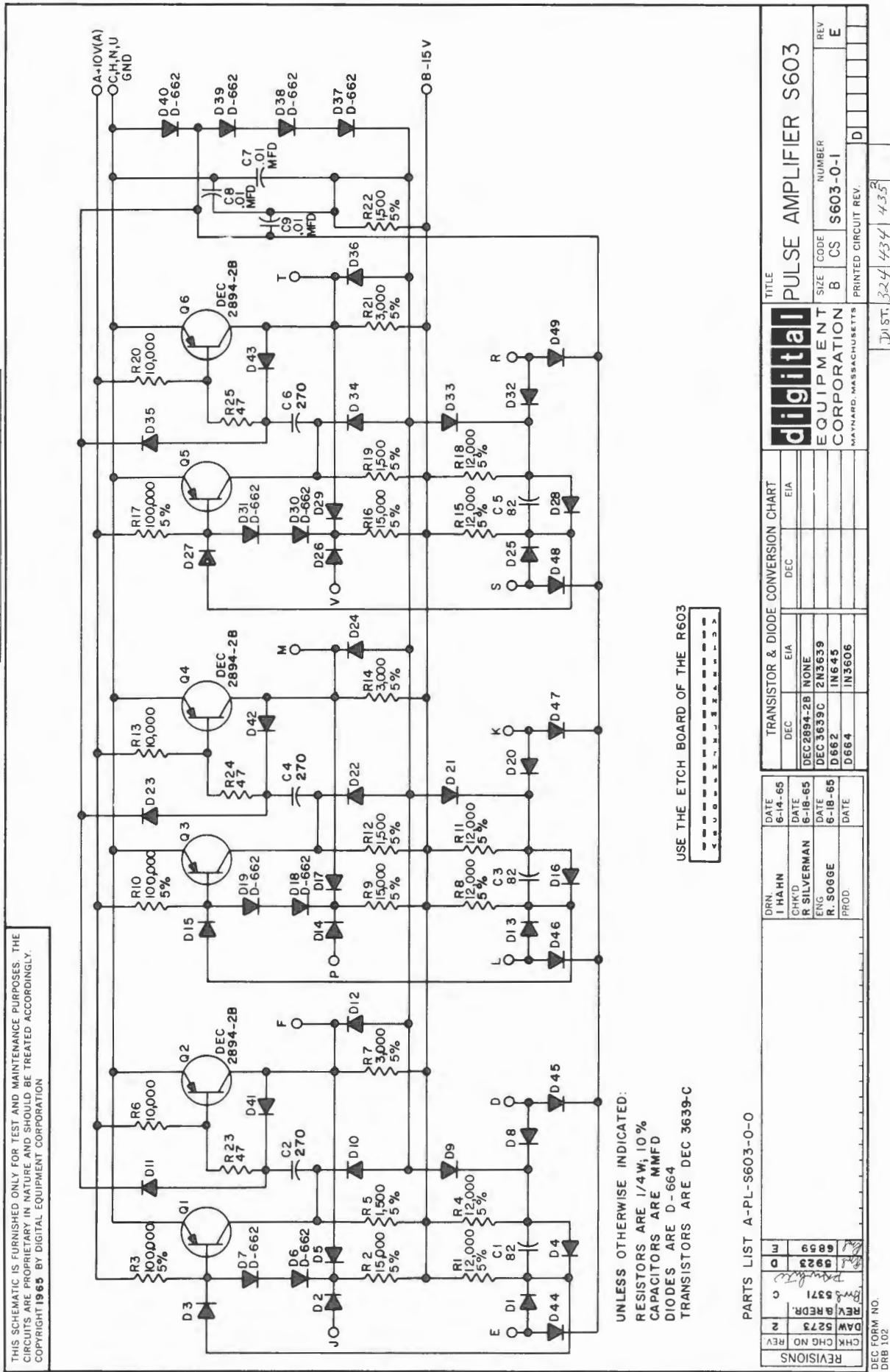
USE THE ETCH BOARD OF THE R602

PULSE AMPLIFIER S602			
REVISIONS	CHG NO	REV	PRINTED CIRCUIT REV.
DAW 5275	ENG 6684	PROJ 5532	REV H
CHK 6924	CHK R SILVERMAN	DATE DEC2894-2B	CODE 2N339
BRDR 5924	ENG 61-F	DATE DEC3639-C	NUMBER S602-0-1
REV 6924	PROJ 5532	DATE D662	PRINTED CIRCUIT REV.
DEC FORM NO. DRB 102		DATE D664	REV H

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

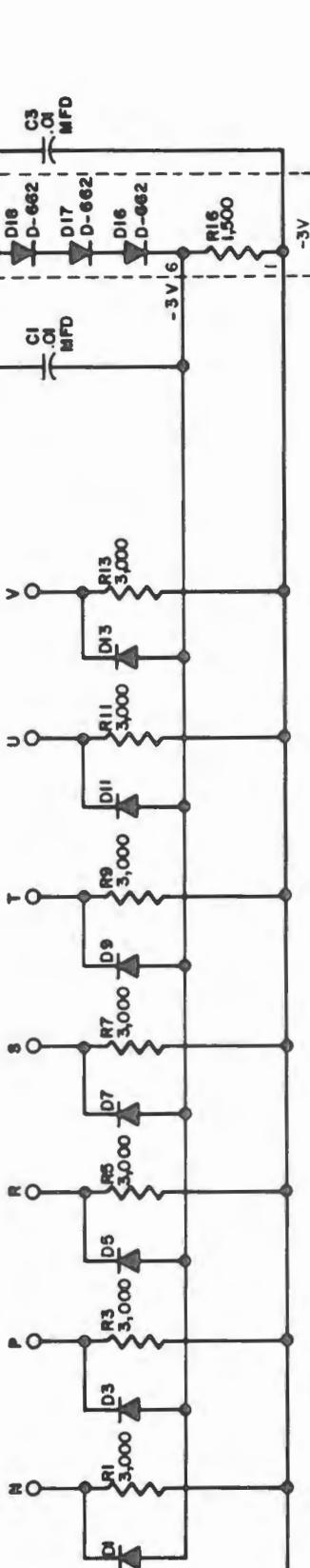
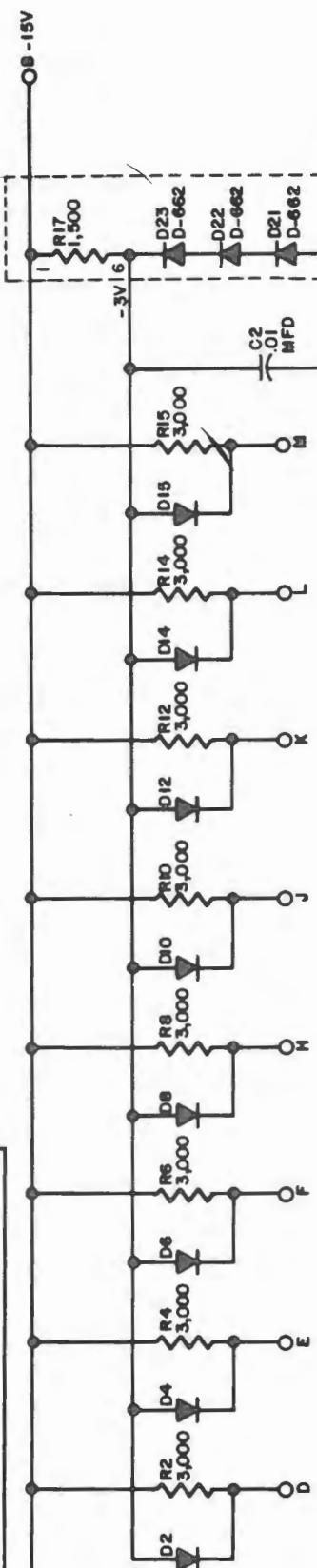
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3 A38 NUMBER S-603-0-1 SCS 8 3000 325



8 R/A NUMBER WO005-0-1 CS 321 SIZE B

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UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
DIODES ARE D-664

DRN. M. PORTER DATE 4-27-64 TRANSISTOR & DIODE CONVERSION CHART

CHK'D N. PERRYMAN DATE D-662 DEC EIA

ENG. B. SCUDNEY DATE D-664 IN 3606

PROD. DATE

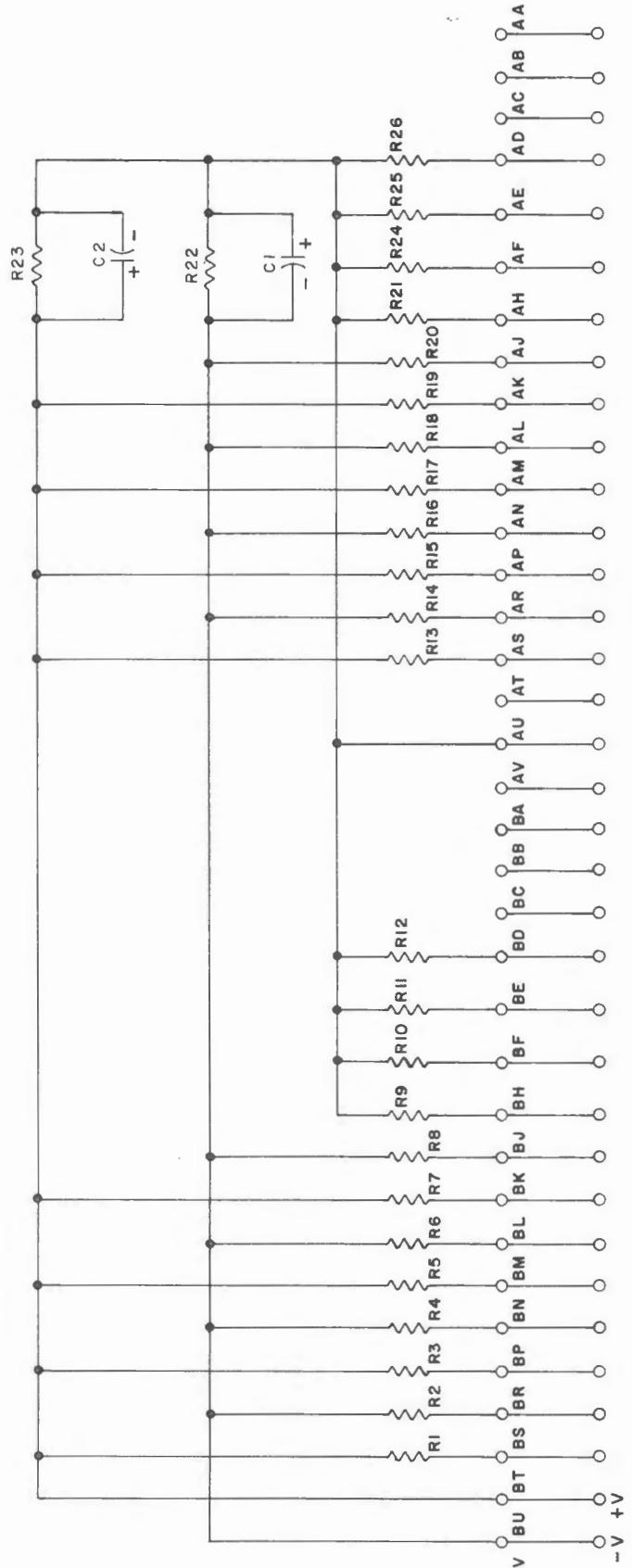
EQUIPMENT CORPORATION		CLAMPED LOADS WO05	
SIZE B	CODE CS	NUMBER WO05-0-1	REV. B
MAYNARD, MASSACHUSETTS	PRINTED CIRCUIT REV.	B	

REVISIONS	REV. 5397	CHG NO 1	DATE DRB 102

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3
A3H
1-O-SIOM
NBBNIN
SC 8
3000 3275



SPLIT LUGS

R22-R23	RES, 220 2W 10% CC	1300278
R9-R12, R21-R26	RES, 330 1W 10% CC	1300298
RI-R8, RI3-R20	RES, 1K 1/4W 5% CC	1300365
CI, C2	CAP, 20MF 50V -10+75% ELECT	1002839
	PARTS LIST	A-P-W015-0-0
	DESCRIPTION	PART NO.

REFERENCE DESIGNATION	PARTS LIST		TITLE
	DESCRIPTION	PART NO.	
R22-R23	TRANSISTOR & DIODE CONVERSION CHART		DIGIT STACK CONNECTOR W015
R9-R12, R21-R26	EIA		digital
RI-R8, RI3-R20	DEC		
CI, C2			

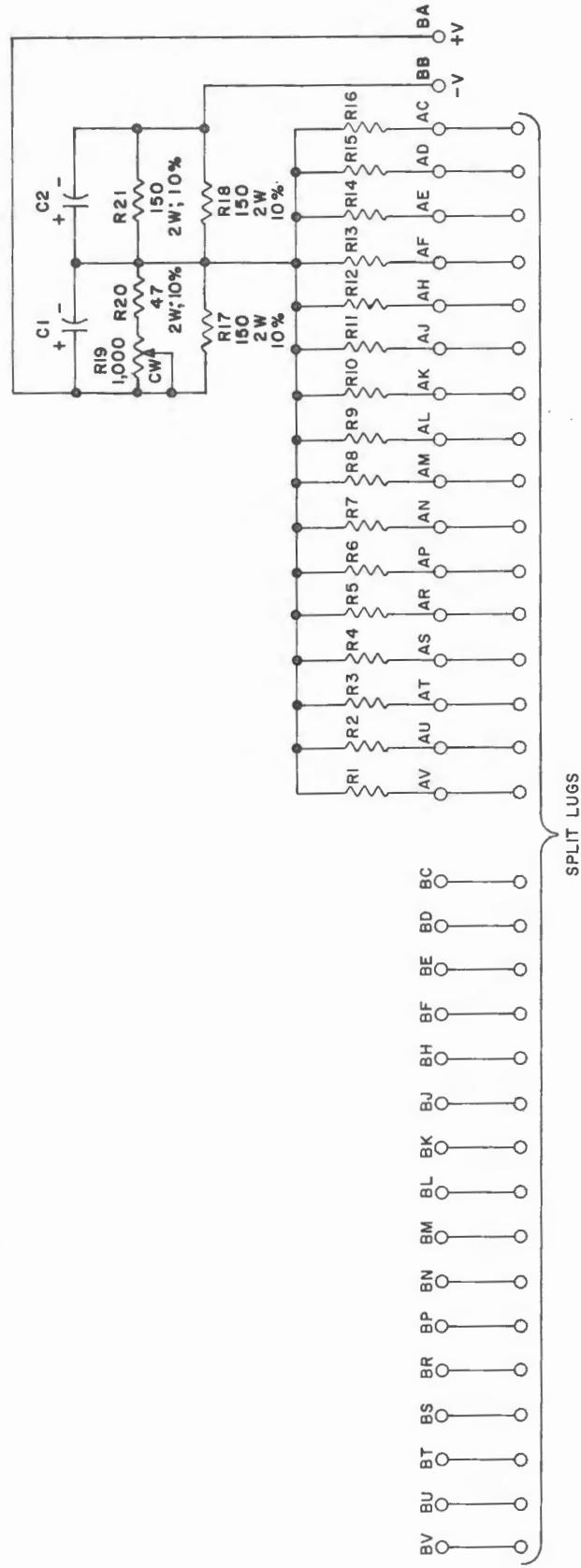
T N K D 157 324 134 435

DEC FORM NO.
DRB 102

REVISIONS	REV	CHG NO	CTK	REV	CHG NO	CTK	REV	CHG NO	CTK	REV
6933	6933	6516	6516	3958	3958	4144	4144	4144	4144	4144

RE_E Q NUMBER W016-0-1

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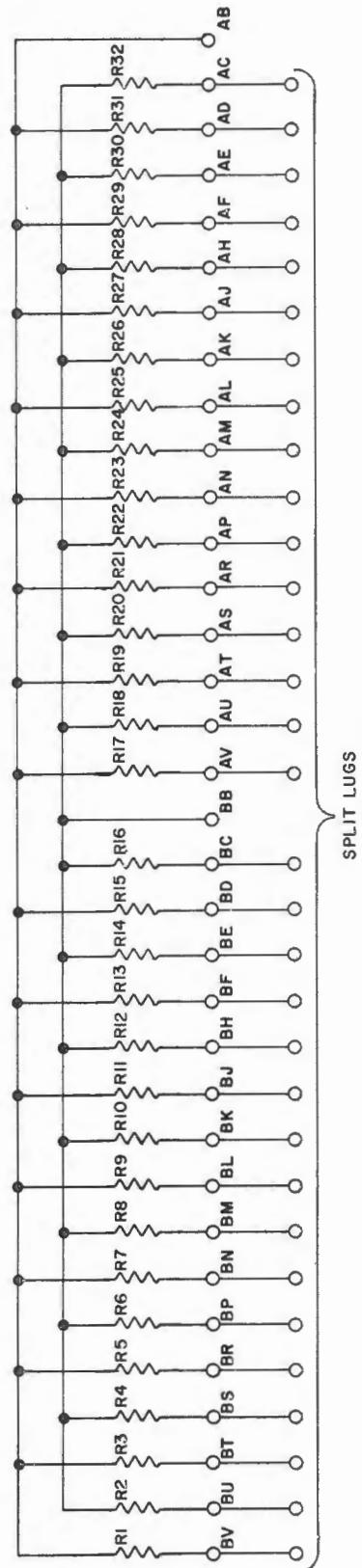
UNLESS OTHERWISE INDICATED:
RESISTORS ARE 75; IW 5%
CAPACITORS ARE 50MFD, 25V
R19 IS A #275P

REV	CHG NO	DATE	TRANSISTOR & DIODE CONVERSION CHART			TITLE	WORD SINK	STACK	CONNECTOR	WO16	RFV
			DEC	EIA	DEC						
A	6146	11-47									
B	6933	12-1									
C	6934	12-1									
D	6146	12-1									
E	6146	12-1									
F	6146	12-1									
G	6146	12-1									
H	6146	12-1									
I	6146	12-1									
J	6146	12-1									
K	6146	12-1									
L	6146	12-1									
M	6146	12-1									
N	6146	12-1									
O	6146	12-1									
P	6146	12-1									
Q	6146	12-1									
R	6146	12-1									
S	6146	12-1									
T	6146	12-1									
U	6146	12-1									
V	6146	12-1									
W	6146	12-1									
X	6146	12-1									
Y	6146	12-1									
Z	6146	12-1									

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REV. **W017-O-1**



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 470; IN 5%

REVISIIONS		
CHK	CHG NO	REV.
DRAW	<u>Design</u>	DATE <u>8-2-64</u>
CHKD	<u>Ed.</u>	DATE <u>9-1-64</u>
ENG	<u>Eng. Hgls</u>	DATE <u>8-31/64</u>
		PROD.

TRANSISTOR & DIODE CONVERSION CHART				WORD DRIVE STACK CONNECTOR WO17			
DEC	EIA	DEC	EIA	EQUIPMENT		TITLE	
				CORPORATION		WORD DRIVE STACK CONNECTOR WO17	
				MAYNARD MASSACHUSETTS		REV.	
						PRINTED CIRCUIT REV. A	
				SIZE	CODE	NUMBER	
				B	CS	WO17-0-1	

DIGITAL EQUIPMENT CORPORATION : MAYNARD, MASSACHUSETTS

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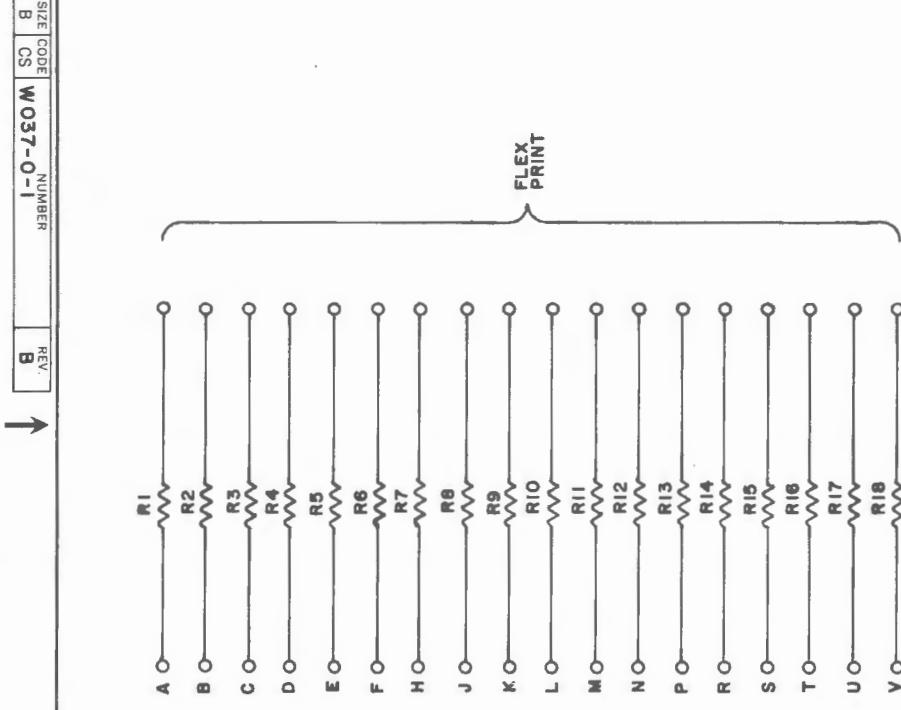
REV B		NUMBER W037-0-1		CODE CS		SHEET 8	
CABLE CONNECTOR W037							
REVISIONS		TRANISITOR & DIODE CONVERSION CHART		EQUIPMENT CORPORATION		TITLE	
		DATE M. Heller 1-12-67	DEC J. H. L. Inc. 1/13/67	DATE R. Y. Honda 1/16/67	DEC PROD	DATE PROD	NUMBER W037-0-1
CHKD F. J. L. Inc.		EIA		EIA		digital	
CHG NO 6645		CODE A		CODE B		CODE C	
REV B		PRINTED CIRCUIT REV.		PRINTED CIRCUIT REV.		PRINTED CIRCUIT REV.	
DEC FORM NO 102 DRB 102							

USE THE ETCH BOARD OF THE W036

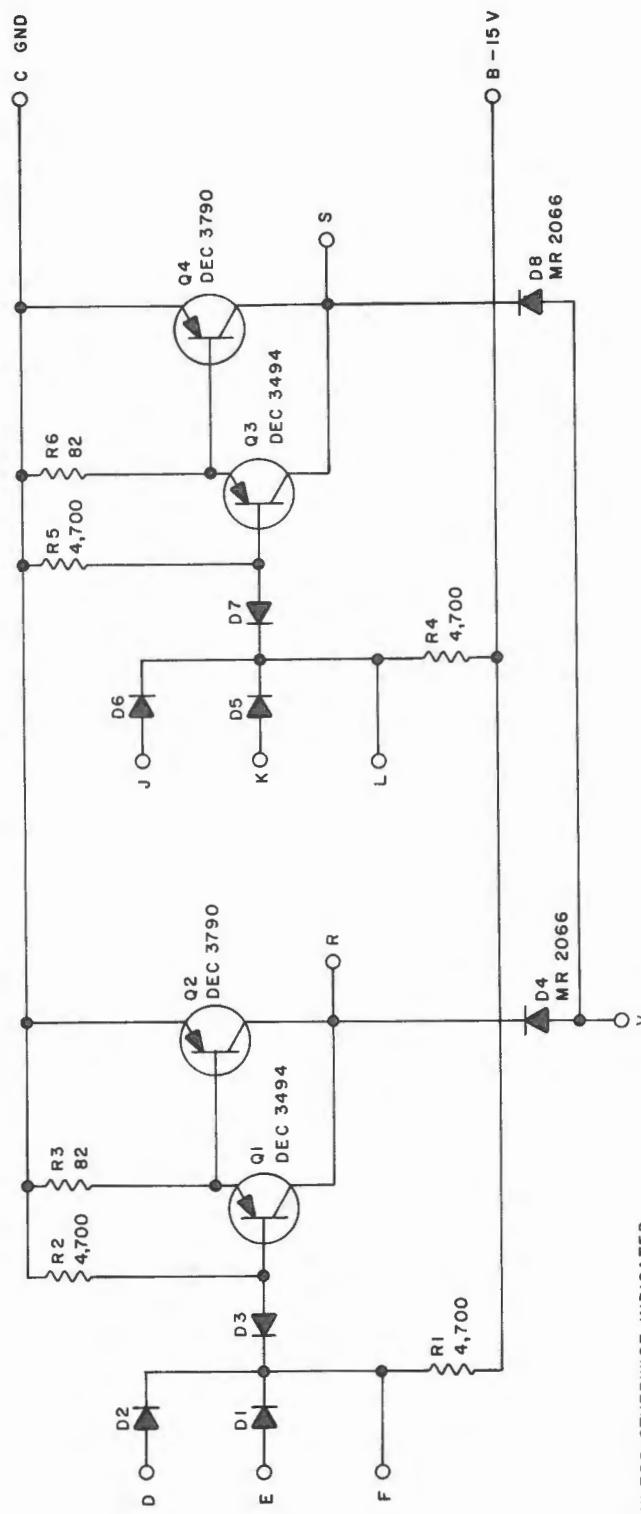


UNLESS OTHERWISE INDICATED:
RESISTORS ARE 3,000; 1/4W; 5%

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RS-B-W040-2



UNLESS OTHERWISE INDICATED;
RESISTORS ARE 1/4 W; 10 %
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART		NOTES	
EIA	DEC	EIA	DEC
2N390	2N390		
2N394	2N394		
IN645	IN645		
IN4003	IN4003		

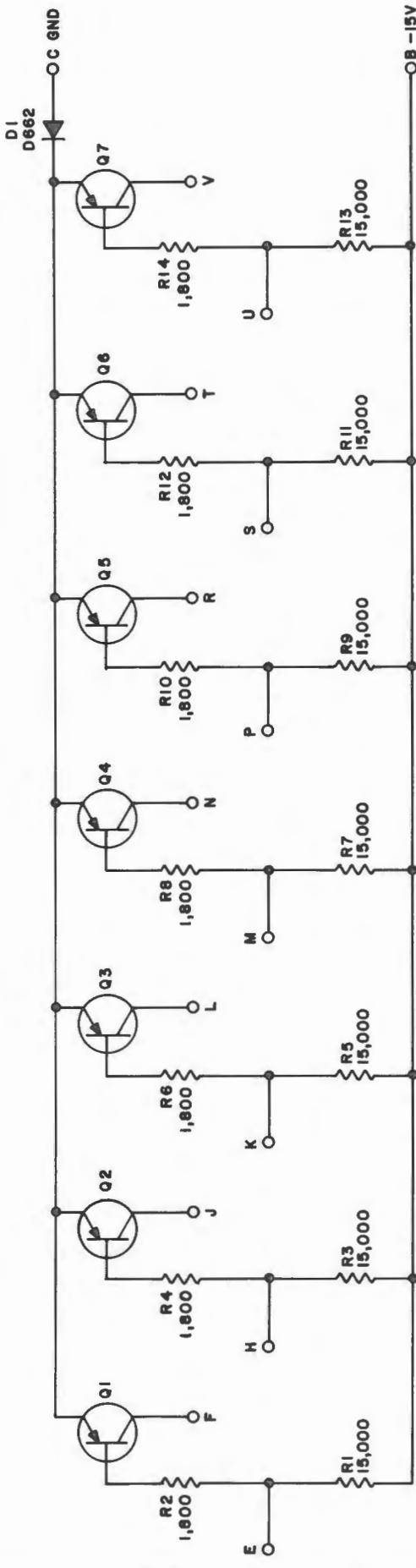
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B		RS-B-W040	2
		SOLENOID DRIVER WO40	

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SIZE B	CODE CS	NUMBER W050-0-1	REV. D
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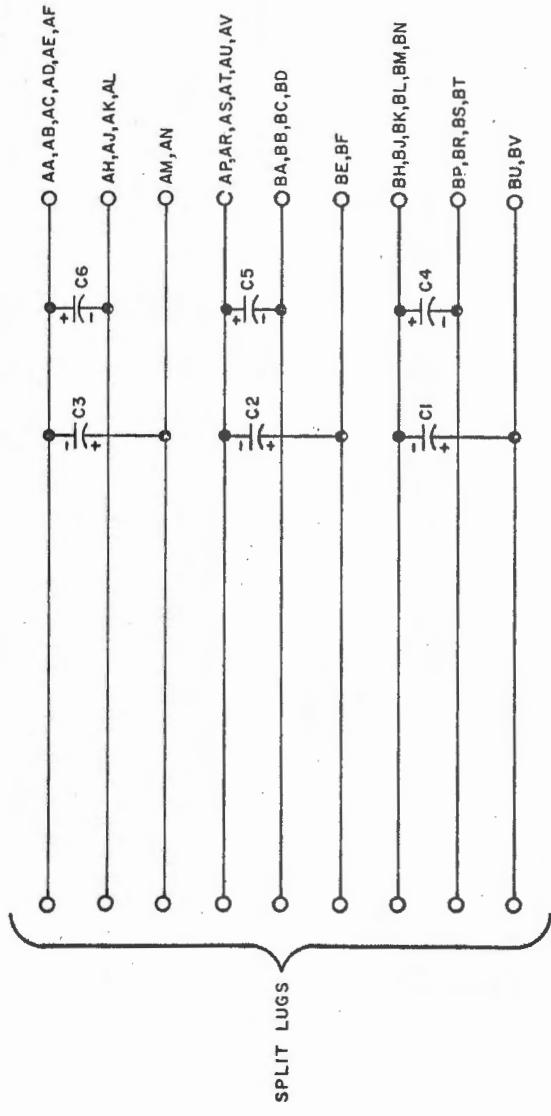
UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W: 10%
TRANSISTORS ARE DE8534D (DEC6534B
MAY BE SUBSTITUTED)

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

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<p style="text-align: center;">↓ ↓</p>																																													
<table border="1"> <tr> <td>REV A</td> <td>RECDR 2</td> <td>DAW 5213</td> <td>DAW 5986</td> </tr> <tr> <td>REVISIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4">DATE 4-2-65</td> </tr> <tr> <td colspan="4">EIA 110</td> </tr> <tr> <td colspan="4">TRANSISTOR & DIODE CONVERSION CHART</td> </tr> <tr> <td colspan="4">CHK'D R.SILVERMAN DATE 4-8-65 D664 IN1806</td> </tr> <tr> <td colspan="4">ENG M.ARSENAULT DATE 4-9-65</td> </tr> <tr> <td colspan="4">PROD 1 DATE</td> </tr> <tr> <td colspan="4">TELETYPE CONNECTOR W070</td> </tr> <tr> <td colspan="4">EQUIPMENT CORPORATION B CS W070-0-1 C</td> </tr> <tr> <td colspan="4">MASSACHUSETTS 01754</td> </tr> </table>		REV A	RECDR 2	DAW 5213	DAW 5986	REVISIONS				DATE 4-2-65				EIA 110				TRANSISTOR & DIODE CONVERSION CHART				CHK'D R.SILVERMAN DATE 4-8-65 D664 IN1806				ENG M.ARSENAULT DATE 4-9-65				PROD 1 DATE				TELETYPE CONNECTOR W070				EQUIPMENT CORPORATION B CS W070-0-1 C				MASSACHUSETTS 01754			
REV A	RECDR 2	DAW 5213	DAW 5986																																										
REVISIONS																																													
DATE 4-2-65																																													
EIA 110																																													
TRANSISTOR & DIODE CONVERSION CHART																																													
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PROD 1 DATE																																													
TELETYPE CONNECTOR W070																																													
EQUIPMENT CORPORATION B CS W070-0-1 C																																													
MASSACHUSETTS 01754																																													

RS-B-W071



UNLESS OTHERWISE INDICATED
CAPACITORS ARE KEMET 6.8 MFD 35V DC

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SHOULD BE KEPT ACCORDING TO:
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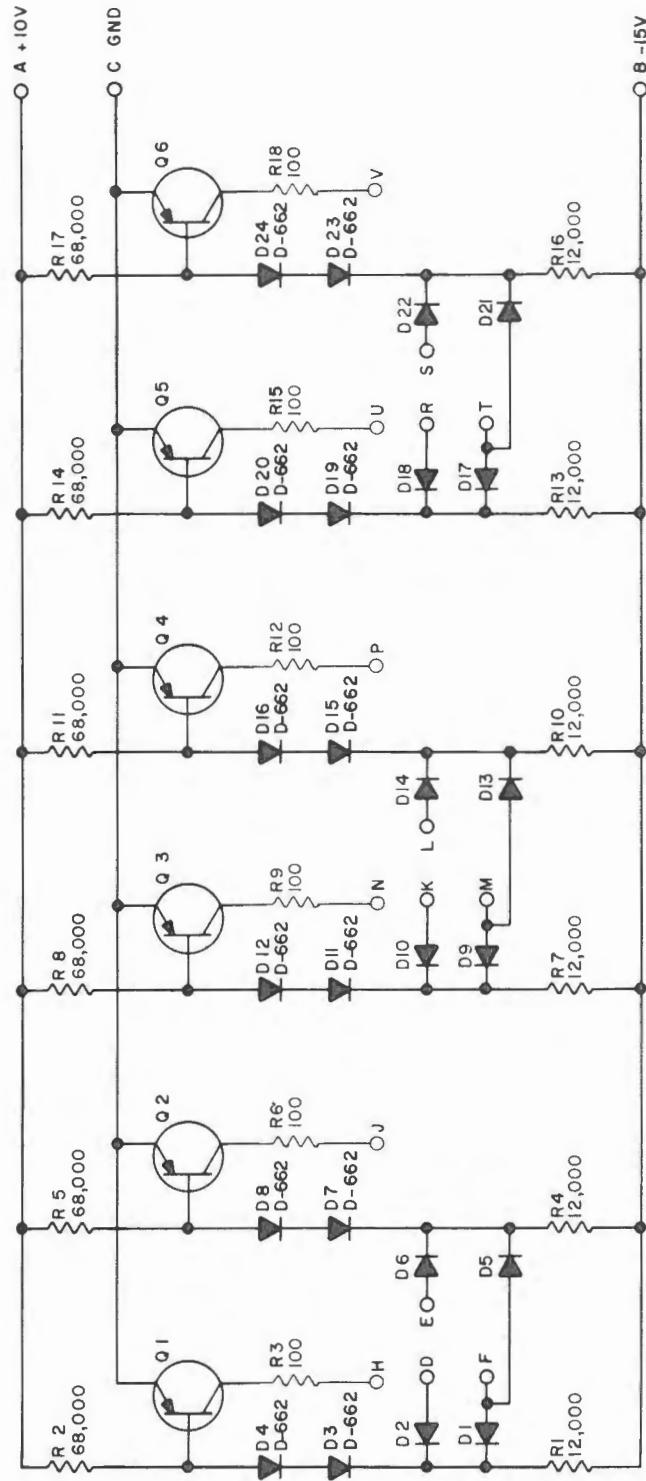
A	RS-B-W071
POWER CONNECTOR W071	

DIGITAL EQUIPMENT CORPORATION : MAYNARD, MASSACHUSETTS

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

B NUMBER
REV A

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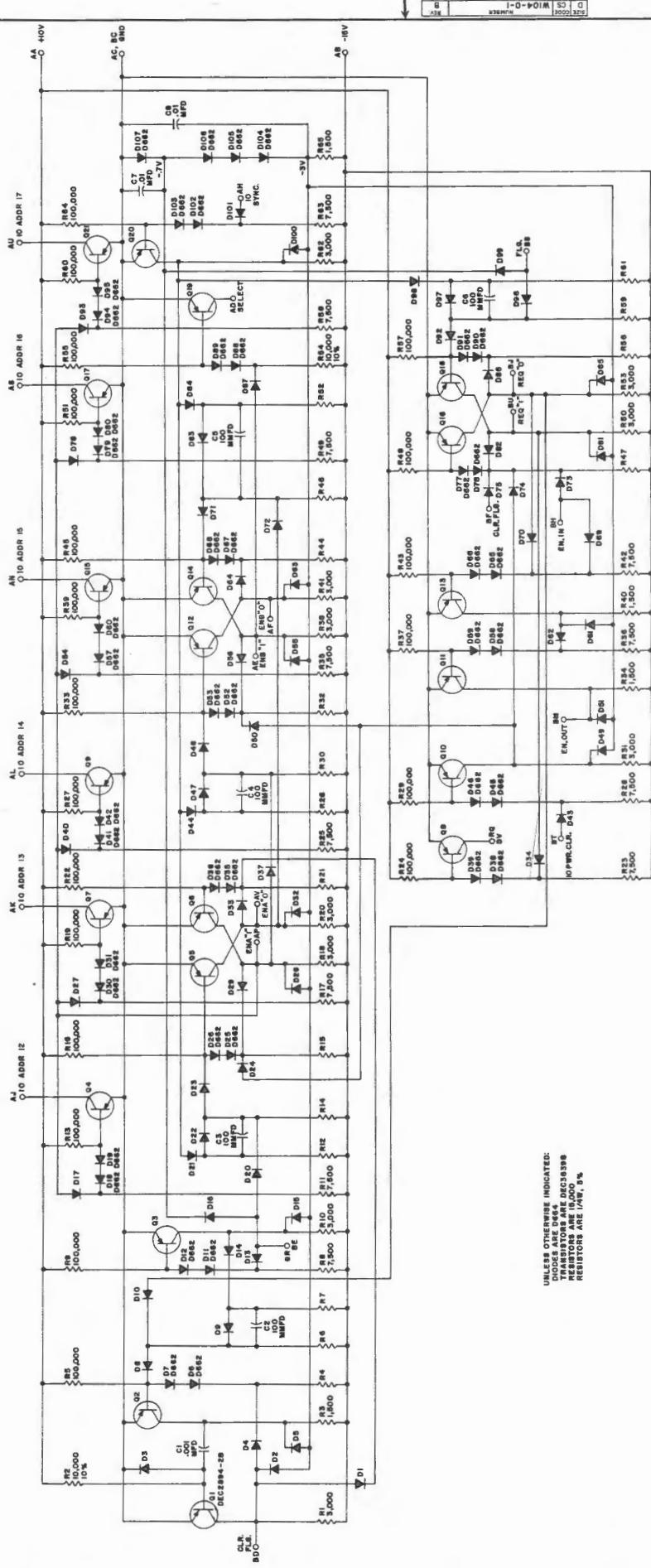


UNLESS OTHERWISE INDICATED:
TRANSISTORS ARE DEC 2894-1B
RESISTORS ARE 1/4 W, 10%
DIODES ARE D-664

REV		CHG NO	REV	TRANSMITTER & DIODE CONVERSION CHART		digital		IO BUS DRIVER W101	
REV	CHG NO	REV	REV	DEC	FIA	REV	CODE	NUMBER	REV
A	5705	B	5672	6-31-64	DEC 2894-1B	REV B	W101-0-1	REV B	REV B
CHK DR.	N PERRYMAN	ENG	D. WHITE	9-4-64	NONE	REV C	W101-0-1	REV C	REV C
REV	5705	5672	5706	D-662	D-664	REV D	W101-0-1	REV D	REV D
PROD				DATE	DATE	PRINTED CIRCUIT REV	B	B	B

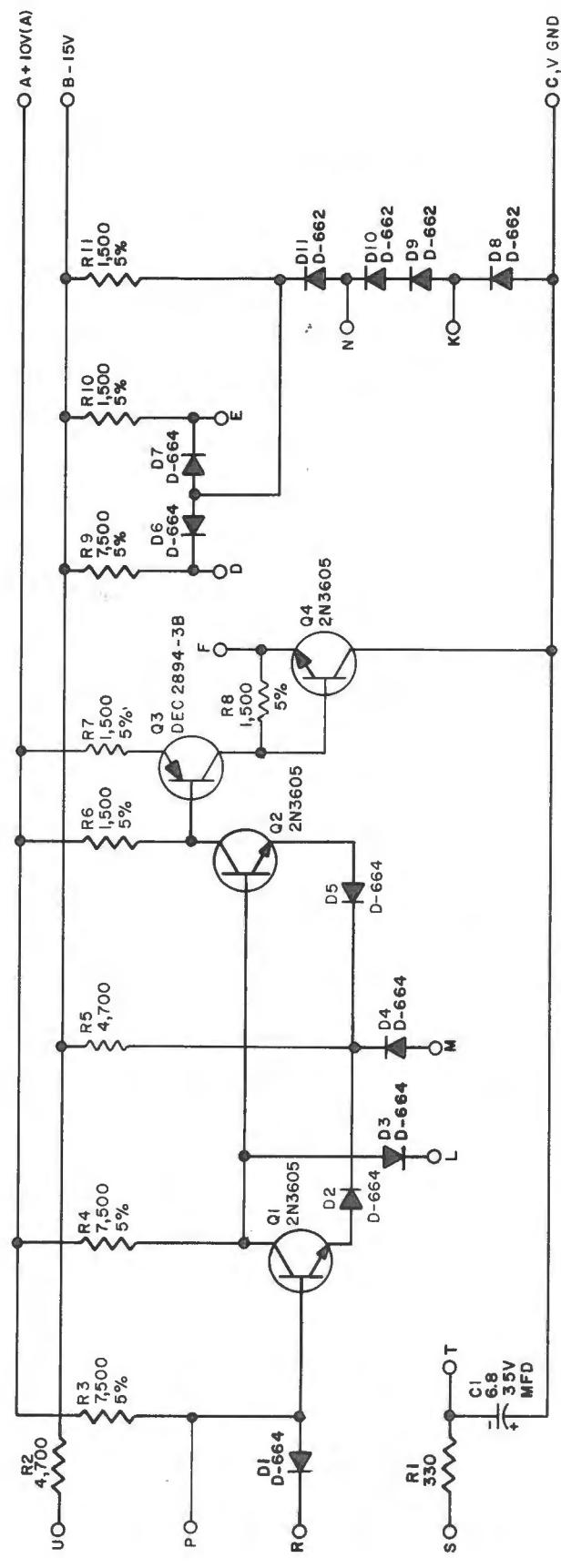
REVISIONS	DRN	DATE	TRANSISTOR & DIODE CONVERSION CHART	digital	IO BUS DRIVER W101
A	A. OUELLETTE	6-31-64			
CHK DR.	N PERRYMAN	9-4-64			
REV	5705	5672			
PROD					

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UNLESS OTHERWISE INDICATED:
ELECTRODES ARE D664
TRANSISTORS ARE DEC3639B
RESISTORS ARE 10,000
CAPACITORS ARE 1/4W, 5%

RS-B-W501-5



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%

TRANSISTOR & DIODE CONVERSION CHART				NOTES
DEC	INA	DEC	INA	
DEC 2894-3B	INA 2894-3B			
D-662	IN845			
D-664	IN3606			
2N3605	2N3605			

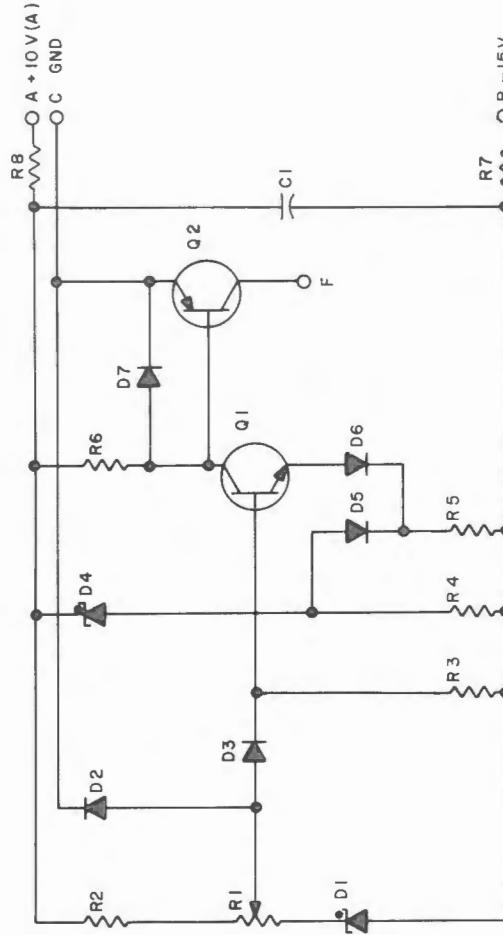
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SCHMITT TRIGGER W501		
F	RS-B-W501	5

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B 134 1 - O - 505 3000 3215



REFERENCE DESIGNATION	DESCRIPTION	PARTS LIST
Q2	TRANSISTOR DEC2894-3B-S	1503099
Q1	TRANSISTOR DEC3009B	1503100
R7, R8	RES. 100 1/4W 5% CC	1300229
R6	RES. 3K 1/4W 5% CC	1300432
R5	RES. 1K 1/4W 5% CC	1300365
R4	RES. 6.8K 1/4W 10% CC	1300463
R3	RES. 6.8K 1/4W 10% CC	1300526
R2	RES. 3.9K 1/4W 5% CC	1300444
R1	RES. 5K PRINTED CKT. POT	1305451
D4	DIODE IN964A	1100127
D1	DIODE 1/4M 6.8 A Z5	1100102
D2, D3, D5, D6, D7	DIODE D664	1100114
C1	CAP. 0.1MF 50V 20% D. CER.	1000030
	PARTS LIST	A-PL-W505-0-O
	DESCRIPTION	PART NO.

TRANSISTOR & DIODE CONVERSION CHART		TITLE		LOW VOLTAGE		DETECTOR W505	
DRN.	DATE	DEC	EIA	DEC	EIA	EQUIPMENT	REV
I.HAHN	3-1-65	D664	IN3606			corporation	B
C.HKD	3-3-65	IN964A *	SAME			MASSACHUSETTS	
N.PERRYMAN							
ENG							
N.BOISSE							
PROD							
						PRINTED CIRCUIT REV	
						B	

REF ID	DIS.	REV	1' INK
6993	324	434	1/35

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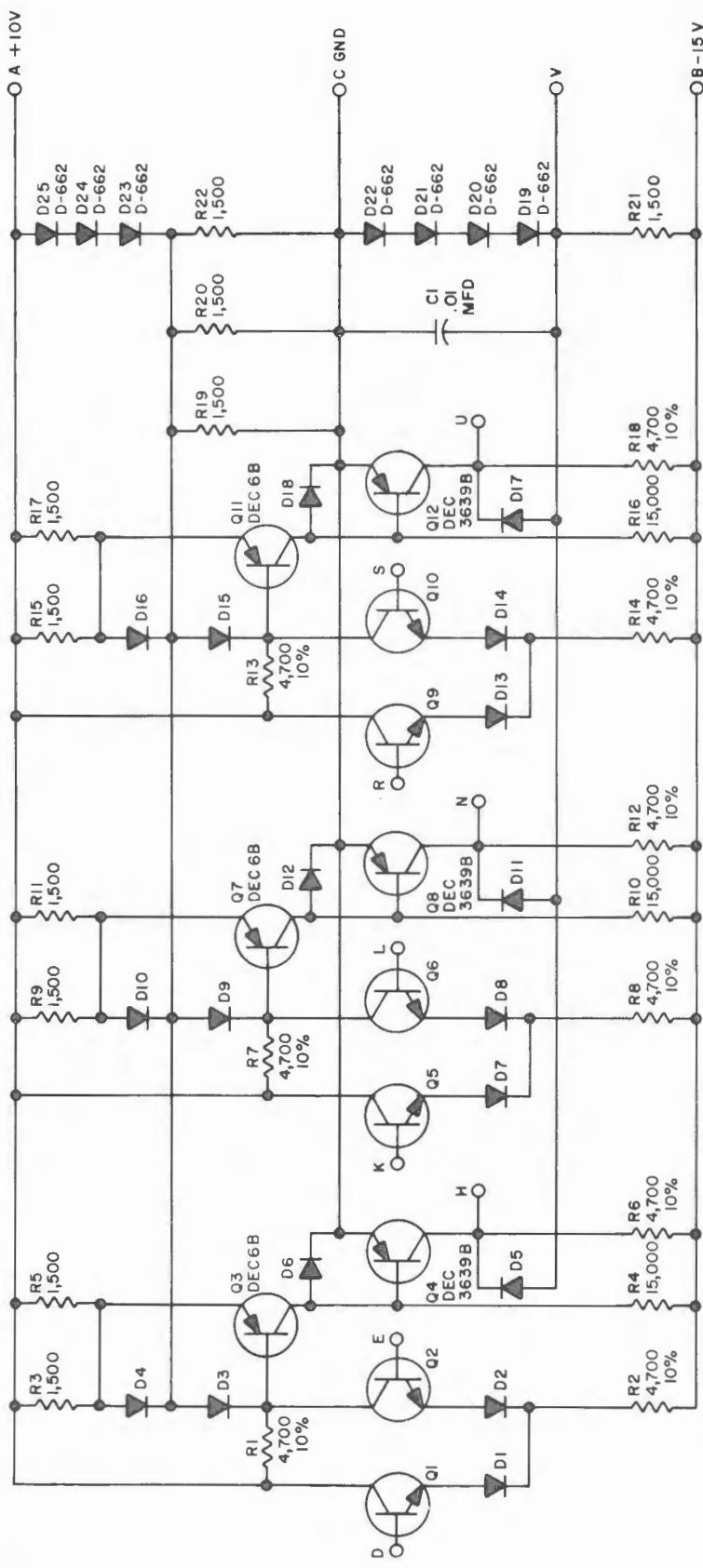
PINK

DIST 324434435

PARTS LIST A-PL-W520-0-0		TRANSISTOR & DIODE CONVERSION CHART				COMPARATOR W520			
REV	ITEM	DATE	DEC	EIA	REV	CODE	NUMBER	REV	C
5407	A. OUELLETTE	II-24-65	DEC						
536	CHKD		DEC						
535	N. PERRYMAN	II-29-65	DEC						
534	ENG		DEC						
533	D.A. WHITE	II-30-65	DEC						
532	PROD		DEC						
531			3639B	2N3009					
530			3639B	2N6339					
529			662	IN645					
528			664	IN3606					

PARTS LIST A-PL-W520-0-0

UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
DIODES ARE D-664
TRANSISTORS ARE DEC 3009B



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C
REV A-PL
W520-0-0-1
NUMBER

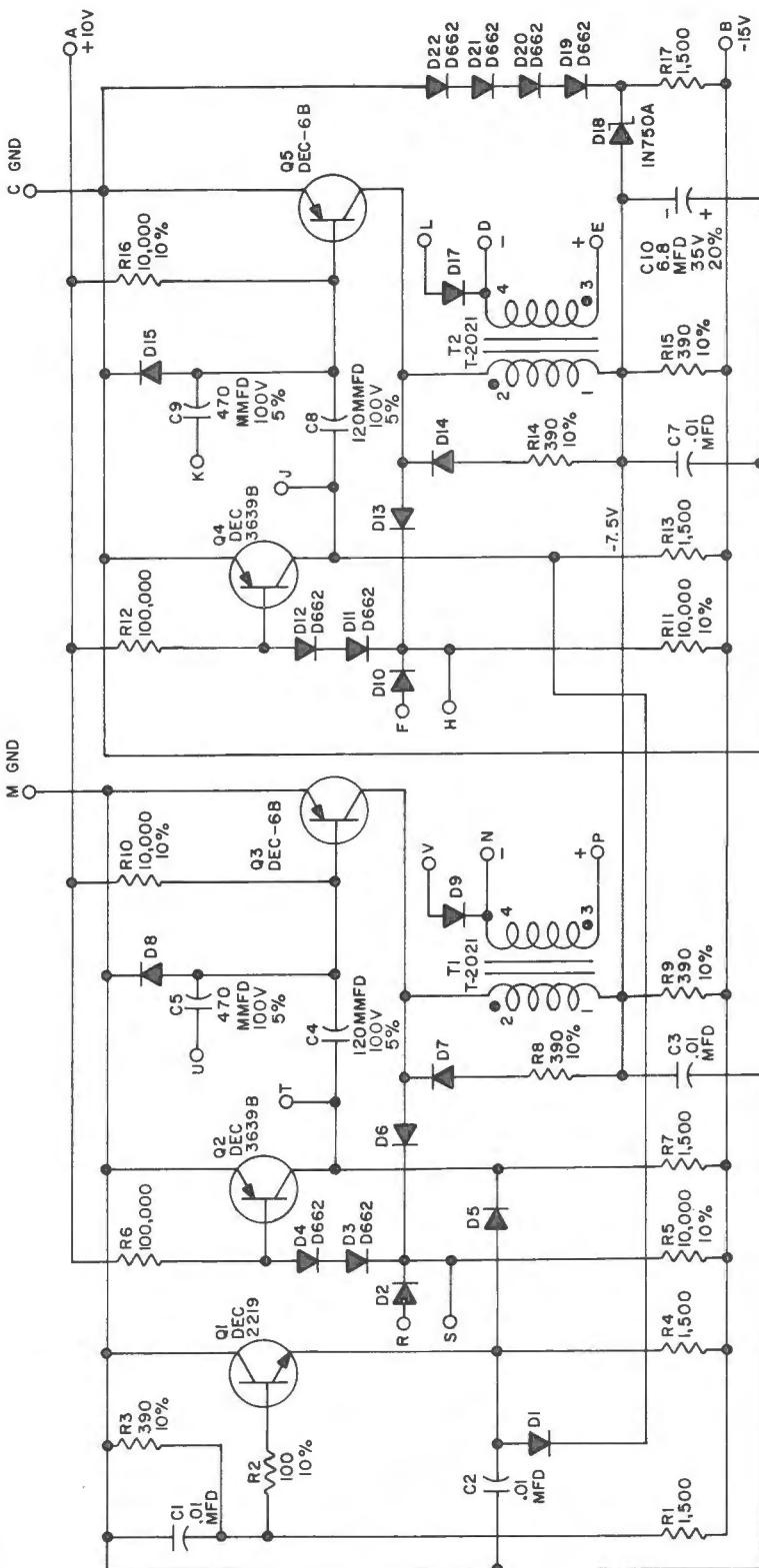
→

S/1 CS
W520-0-0-1
NUMBER

→

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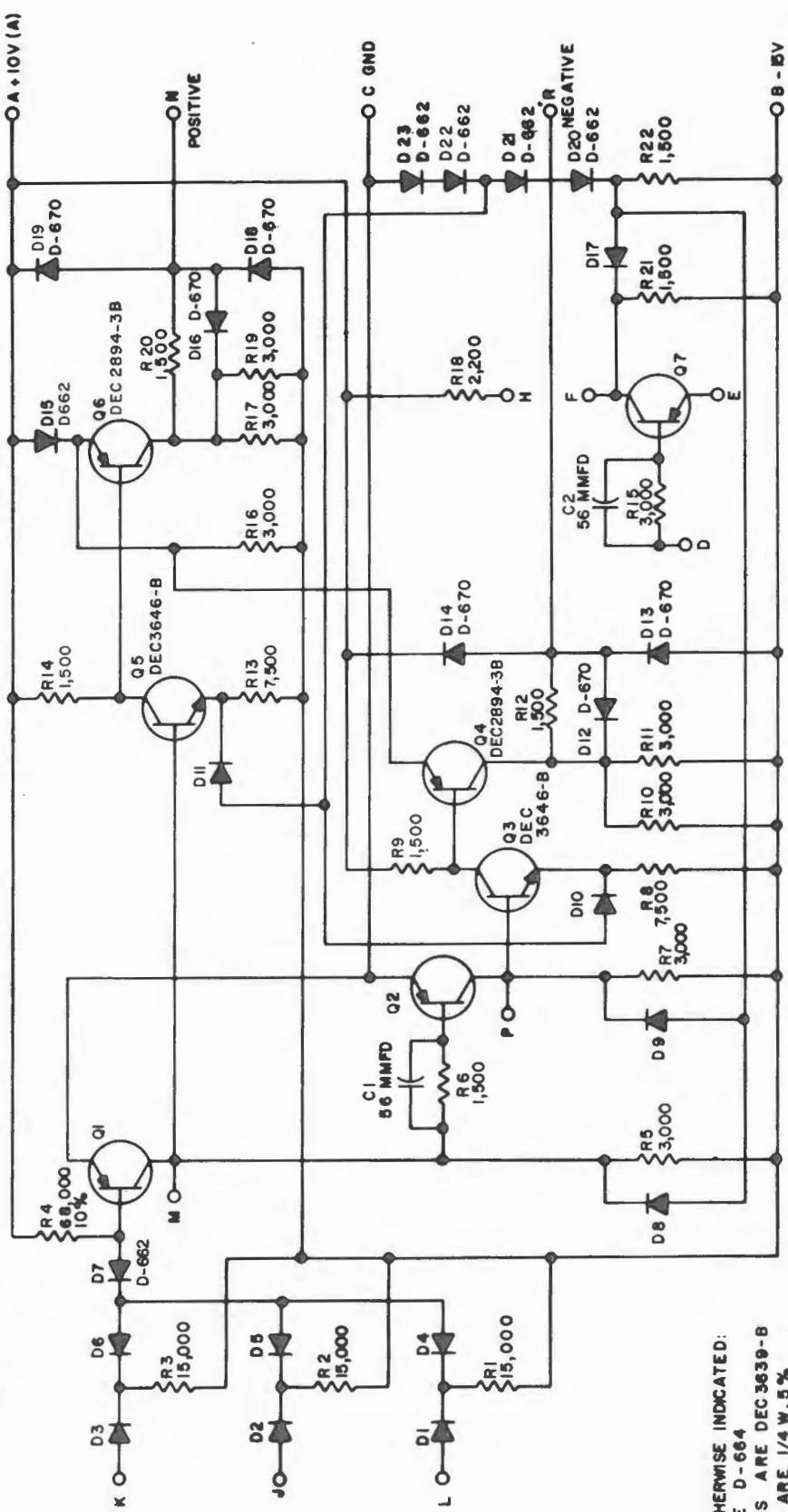


UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 5%
DIODES ARE D664

PARTS LIST A-PL-W612-0-0

REV.	CHG NO.	TRANSISTOR & DIODE CONVERSION CHART			REV.
		DEC	EIA	DEC	
6727	DATE 4/2/66	2N2219	2N2219	IN750A	SAME
	CHK'D: J. L. Maynard	DE664	NONE		
	PROD: 4/2/66	DEC63639	2N3639		
		D662	IN645		
		D664	IN3606		

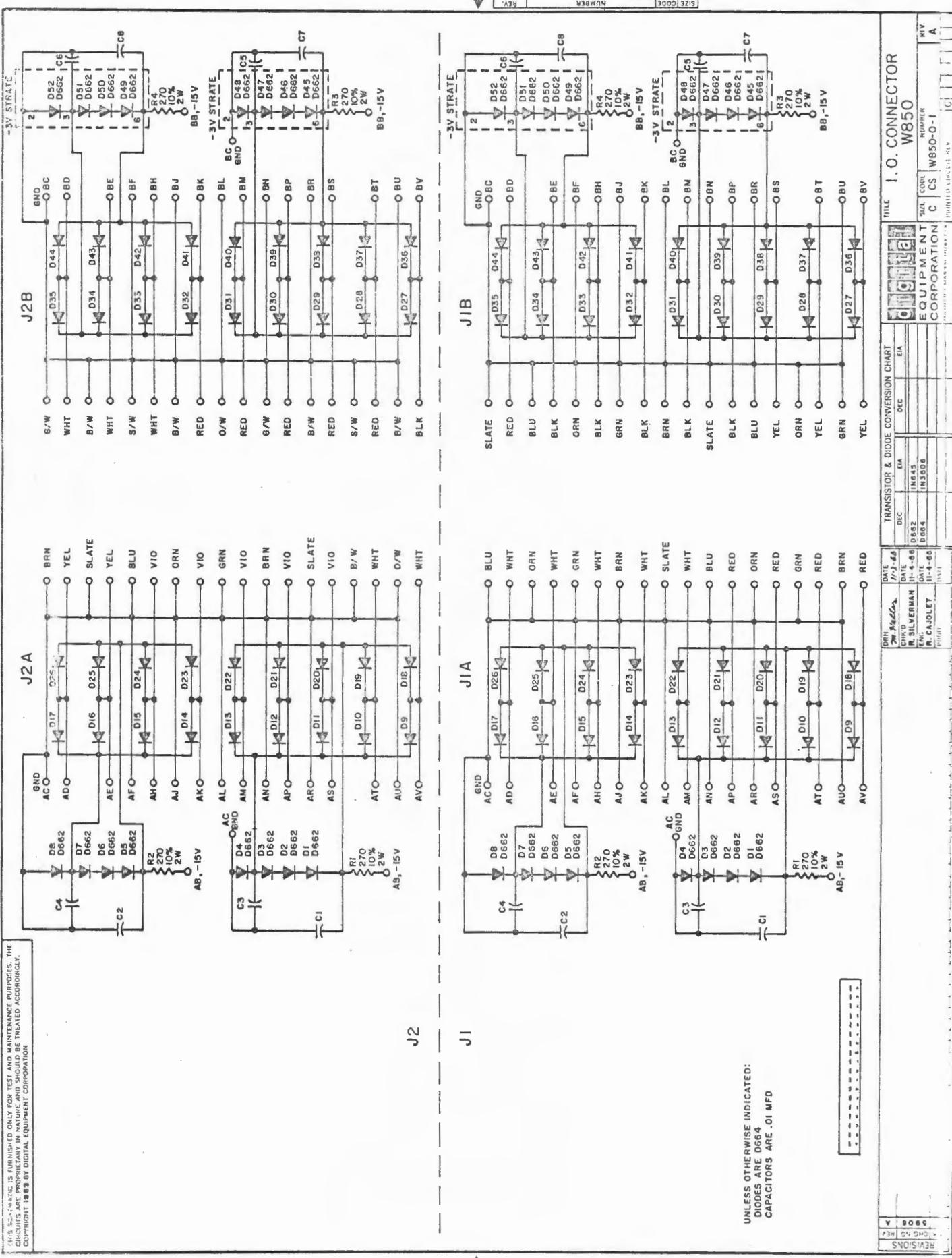
TITLE		digital PULSE AMPLIFIER W612		
EQUIPMENT		SIZE	CODE	NUMBER
W612-0-1	REV. C	MINIATURE	W612-0-1	
MAYNARD, MASSACHUSETTS				
PRINTED CIRCUIT REV. B				
DATE 3/24/66	LINK			
REV. 4/2/66				



REV/CHG NO/REV		DATE		TRANSISTOR & DIODE CONVERSION CHART		SCOPE INTENSIFIER W681			
REV	CHG	DATE	EIA	DEC	EIA	SIZE	CODE	NUMBER	REV
5441	5370	4-16-65	I. HAHN	DEC 3639-B	2N3639-B	IN3653			
5441	5370	4-21-65	R. SILVERMAN	DEC 2894-3B	NONE				
5441	5370	4-20-65	R. SOGGE	DEC 3646-B	NONE				
5441	5370	4-20-65	PROD	D-662	IN645				
5441	5370	4-20-65		D-664	IN3606				

DEC FORM NO DRB 107

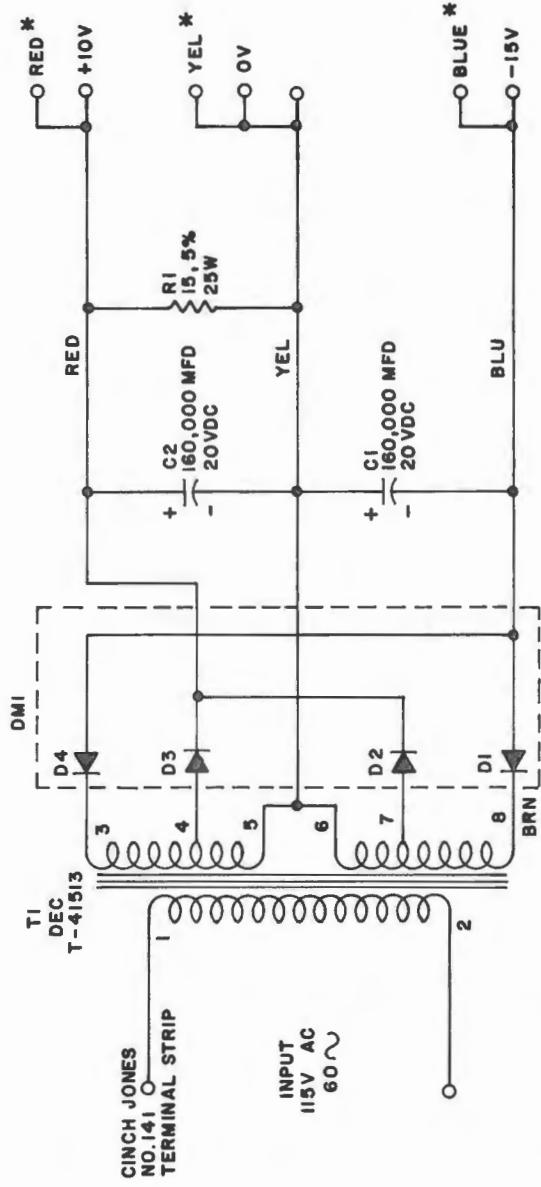
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DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

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REV A
NUMBER
728-0-1



NOTE:
IN ORDER TO KEEP OUTPUT VOLTAGE WITHIN
THE FOLLOWING LIMITS:

+10V: +9.5 TO +11V
-15V: -14.5 TO -16V

THE LOADING SHOULD BE WITHIN THE FOLLOWING LIMITS:

BOTH SIDES LOADED	+10V 0 TO 7.0 AMPS -15V 1.0 TO 8.0 AMPS
ONE SIDE LOADED	+10V 0 TO 7.5 AMPS -15V 1.0 TO 8.5 AMPS

SUM OF THE OUTPUT CURRENTS ARE LIMITED BY
THE EQUATION: $510 + 615 \leq 53$

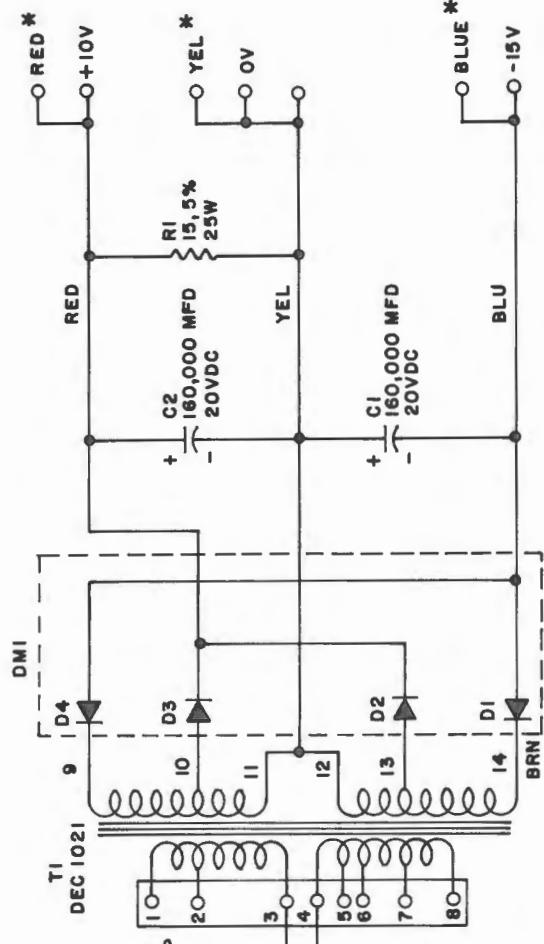
* HEYMAN MFG. CO. TAB TERMINALS

REV 4609	REVISIONS
CHK 6021	CHG NO 6021
DR 102	REV H
DATE 11-7-61	DATE 11-8-61
SPURGEON	ENG D. PERRYMAN
DATE 11-8-61	DATE 11-8-61
PROD D. WARDMAN	REV. H
DATE	PRINTED CIRCUIT REV.

TITLE		POWER SUPPLY 728	
EQUIPMENT CORPORATION		digital	
SIZE	CODE	NUMBER	REV.
B	CS	728-0-1	H
MASSACHUSETTS			

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REV. E
NUMBER 728A-0-1
SIZZCS 3000



NOTE:

INPUT VOLTAGE	JUMPER	LINE
112.5 10%	2-4,3-7	3,4
123.5 10%	1-4,3-8	3,4
195 10%	1-5	3,4
220 10%	1-6	3,4
235 10%	2-8	3,4

IN ORDER TO KEEP OUTPUT VOLTAGE WITHIN THE FOLLOWING LIMITS:

+10V: +9.5 TO +11V

-15V: -14.5 TO -16V

THE LOADING SHOULD BE WITHIN THE FOLLOWING LIMITS:

BOTH SIDES LOADED	+10V 0 TO 7.0 AMPS
ONE SIDE LOADED	-15V 1.0 TO 8.0 AMPS
BOTH SIDES LOADED	+10V 0 TO 7.5 AMPS
ONE SIDE LOADED	-15V 1.0 TO 8.5 AMPS

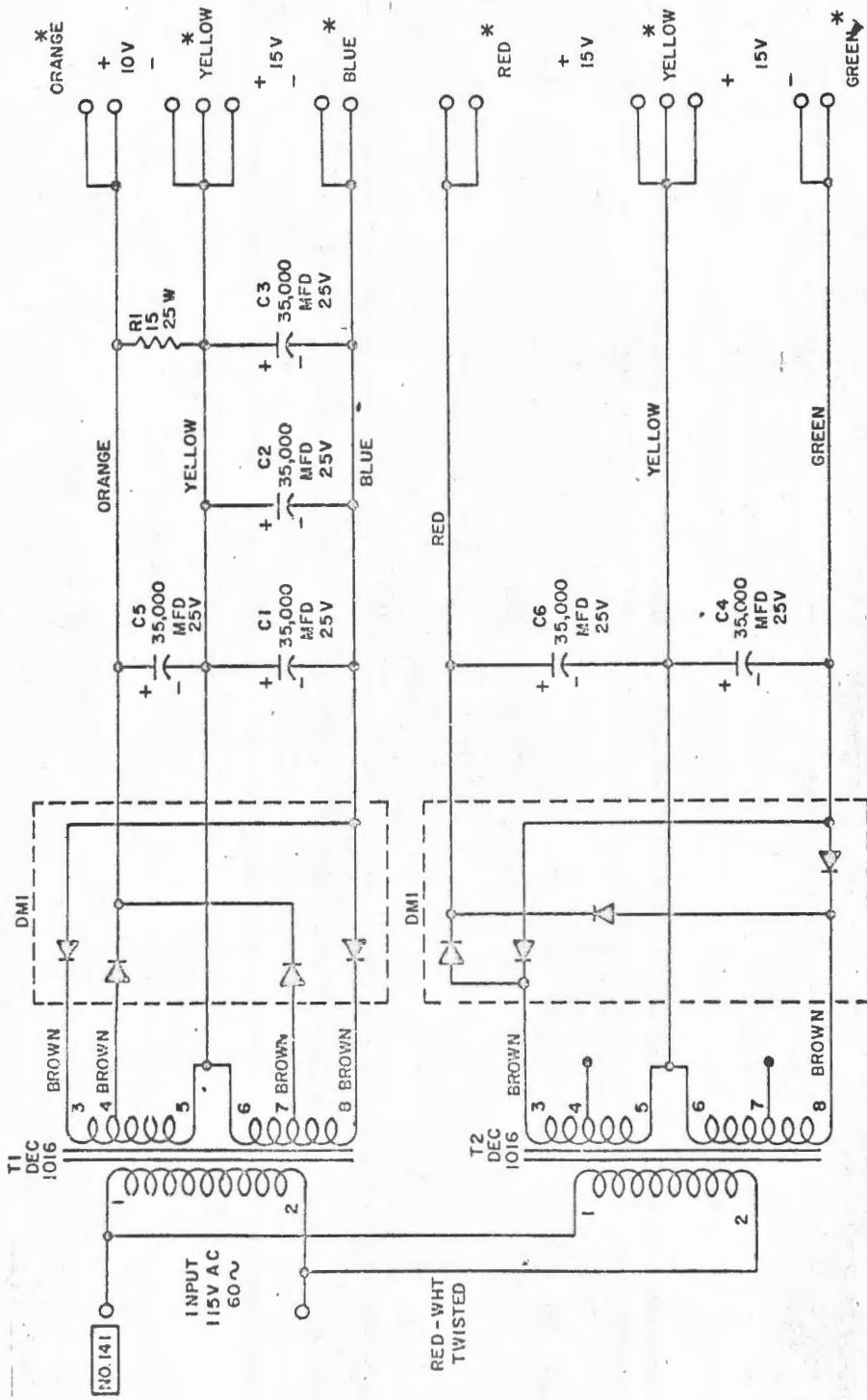
SUM OF THE OUTPUT CURRENTS ARE LIMITED BY THE EQUATION: $5I_{10} + 6I_{15} \leq 53$

* HEYMAN MFG. CO. TAB TERMINALS

REVISIONS		TRANSISTOR & DIODE CONVERSION CHART		POWER SUPPLY 728A	
CHK	CHG NO	REV.	DEC	EIA	REV.
DAW 4804	E	REV. A	9-24-63	728A-0-1	E
CHKD	6032	REV. B	9-24-63		
A.VARTANIAN		REV. C	9-30-63		
ENG		REV. D	DATE		
D.A.WHITE		REV. E	DATE		
PROD.		REV. F	DATE		

DEC FORM NO. DRB 102

79-3



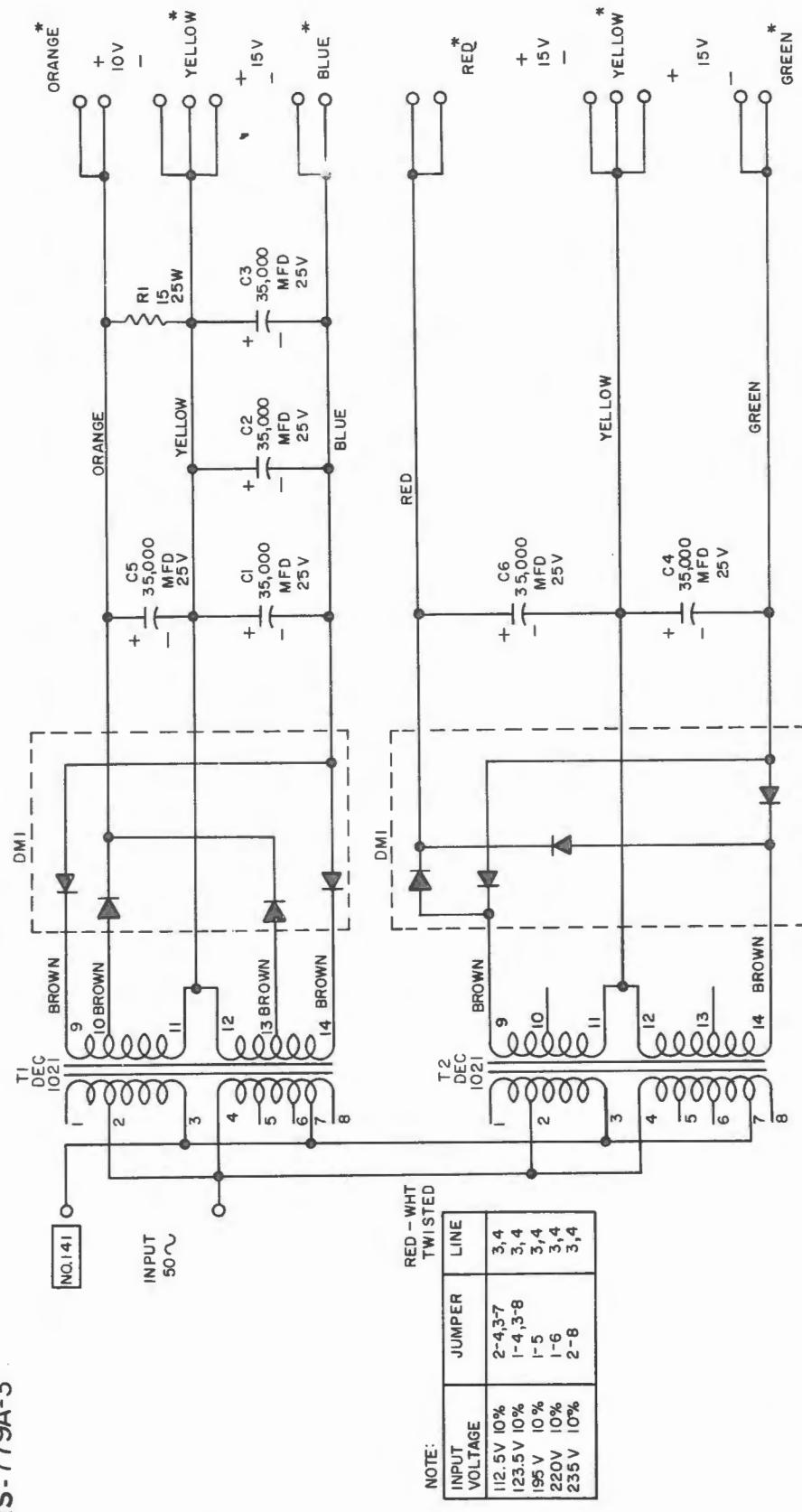
UNLESS OTHERWISE INDICATED
* HEYMAN MFG CO TAB -
TERMINAL IN PLASTIC BUSHING
□ CRINCH JONES TERMINAL STRIP

DIODE CONVERSION CHART			NOTES
SCR	DIODE	SCR	DIODE

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RS-779	3
POWER SUPPLY 779	

RS-779A-3



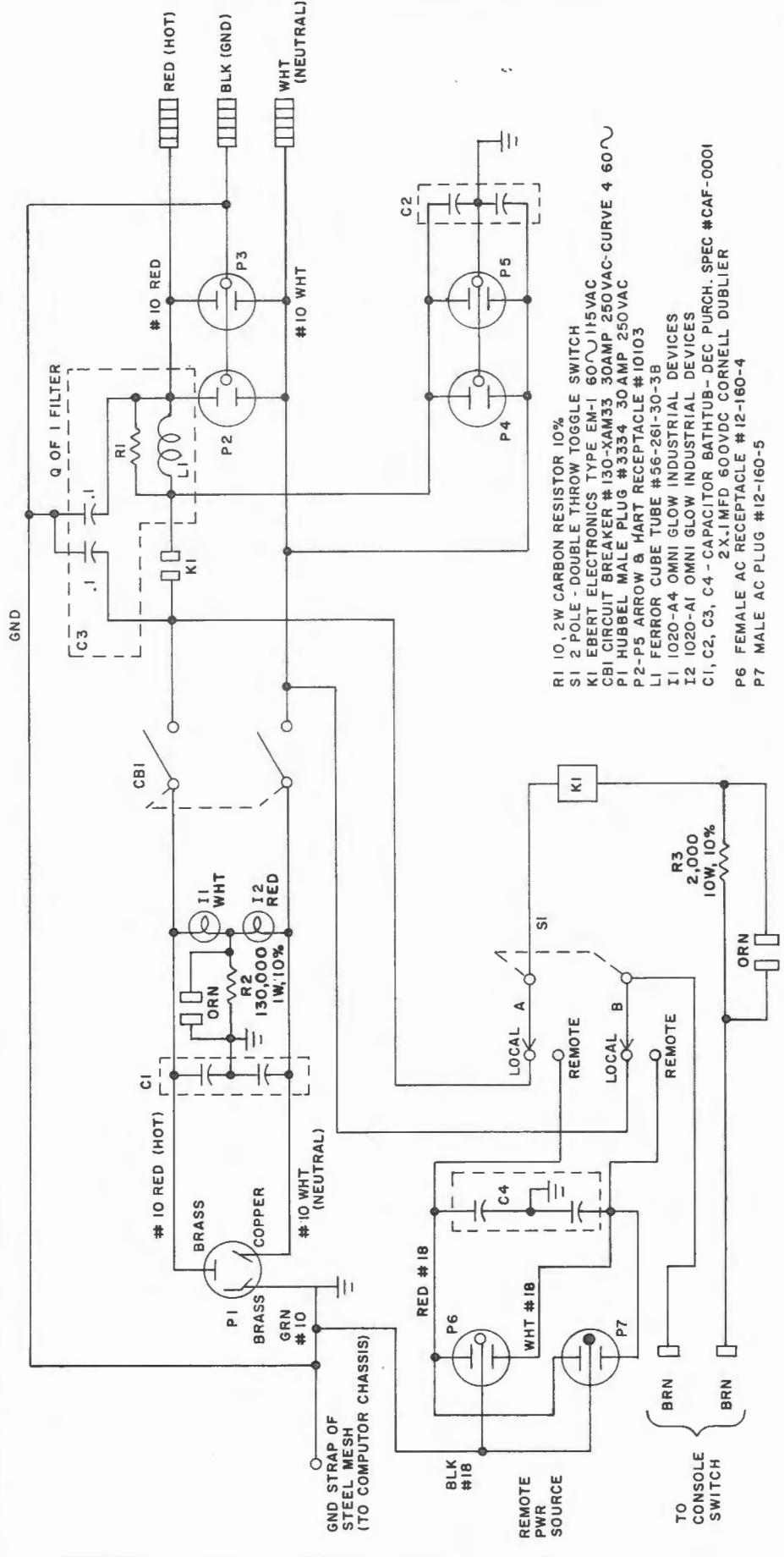
TRANSISTOR & DIODE CONVERSION CHART	NOTES
DEC	EIA

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RS-779A	3
POWER SUPPLY 779A	

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↓ V A CS 841-A NUMBER 3215
REV. B CS 841-A-1



REV. A		REV. B		REV. C		REV. D	
CHK	CHG NO						
REVISIONS		REVISIONS		REVISIONS		REVISIONS	
5936		5936		5936		5936	
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
ENG	DES.	ENG	DES.	ENG	DES.	ENG	DES.
PROD		PROD		PROD		PROD	

DRN: *M. Holler* DATE: *10-31-66*
CHK'D: *J. L. D.* DATE: *10-31-66*
ENG: *K. D. L.* DATE: *10-31-66*
PROD:

PRINTED CIRCUIT REV

TITLE: POWER CONTROL 841A
EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

