

SIZE  
A

1266J39

SHEET

1

## PERFORMANCE REQUIREMENTS

VIBRATION

MBD NO. 29

MSTG DEPT.

CIRCUIT BOARD DRAWING NUMBERS:

NOMENCLATURE

DRAWING NUMBER

PARTS LIST

PL-D-4116J79

SCHEMATIC

873E979

ASSEMBLY

4116J79

ART WORK

4116J29

REV	B	B	B	B															
SH. NO.	1	2	3	4															
REVISIONS																			
SYM	DESCRIPTION																		
A	(1) SEE SHEETS 2 & 3 81 RF 546				RWB JAN 1981														
B	(1) SEE SHEETS 2, 3 & 4 81 RF 1892				L.F. Mani OCT 23 1981														
<b>GENERAL ELECTRIC</b> MST DEPT LOC LYNN, MASS.																			
PERFORMANCE REQUIREMENTS																			
SIGNATURES					DAY	MO	YR	SIZE											REV
DRAWN R. Culla					8	5	79	A	1266J39										B
CHECKED HLR					25	9	79												
ISSUED R. Culla					26	9	79	N											I

CODE IDENT. 01289

930 973 983 906 908

## TEST INSTRUCTION

VIBRATION BOARD 4116J79 G1, G2  
(FOR G2 ~~MULTIPLY~~ OSC VOLTS BY 2)

1. CONNECT PER CKT DC AND OSC TO PROBE IN A (16) AND +5 V TO PROBE IN B (41) ALL POTS FULL CW. OSC/50 HZ.
2. DC/-8.00 V, OSC/.530 V RMS, R1  $\diamond 3$  -E OUT A (7) AND E OUT HI SEL (9) = +10.0 V. TP 6 = +10.0 V. TP5 = 3.6  $\pm$ .15 V RMS.
3. I OUT A (5) = 1.0 MA, RCDR A (6) = .99  $\pm$ .02 V.
4. R22  $\diamond 1$  - TP3 = +8.0 V, R27  $\diamond 4$  - TP4 = +6.0 V.
5. OSC/.0 V RMS FOR 30 SECS, RESET (4)/0, ALL LITES AND LEDS OFF.
6. OSC/.53 V RMS, H AND HH LEDS AND RELAYS ON IN 2 TO 2.5 AND 3.5 TO 4.5 SECS RESPECTIVELY.
7. OSC/0 V RMS, ALL LITES AND LEDS OFF.
8. H LEDA & H RELAY SHOULD BE OFF AT OSC = .31 V RMS AND ON AT .33 V RMS.
9. HH LEDA & HH RELAY SHOULD BE OFF AT OSC = .41 V RMS AND ON AT .43 V RMS.
10. OSC/.53 VRMS, H AND HH RELAY ON. RESET/1.
11. OSC/0 V RMS, AFTER 5 SECS RESET/0, H AND HH RELAYS OFF.

REVISIONS	
SYM	DESCRIPTION
A	(2) ADDED GROUP 2 BIRF1546 <i>AF Ensign</i>
B	(2) FOR VIBRATION BD MULTIPLY WAS DIVIDE BIRF1892 <i>Ronald Chant</i>
	JAN 29 1981 OCT 23 1981

<b>GENERAL ELECTRIC</b>	
MST	DEPT LOC LYNN, MASS.
PERFORMANCE REQUIREMENTS	
SIGNATURES	DAY MO YR SIZE
DRAWN <i>R. Ciulla</i>	8 5 79 A
CHECKED <i>MM</i>	25 9 79
ISSUED <i>R. Burke</i>	26 9 79
1266J39	
REV B	
SH 2	

12. OSC/0 V. RESET/0. PF RELAY, PRFL (C12), AND LED 1 SHOULD GO ON AND OFF BETWEEN DC -2.9 AND -3.2 AND -10.6 AND -11.3 V. FOR G1 AND -2.45 AND -2.85 AND -12.2 AND -12.6V FOR G2.
13. WITH DC AT -11.3 RESET/1. PF RELAY ON.
14. WITH DC AT -5, PF RELAY OFF, MOM RESET TURNS IT OFF.
15. OSC/.53 V RMS. H RELAY ON, HH RELAY OFF.
16. OSC/.53 V RMS 650 HZ. TP6 =  $+1 \pm .5$  V.
17. OSC/.53 V RMS 20 HZ. TP6 =  $8 \pm .5$  V.
18. REPEAT STEPS 1 THRU 15 FOR CHANNEL B.

## CHANNEL A

PROBE IN (16)

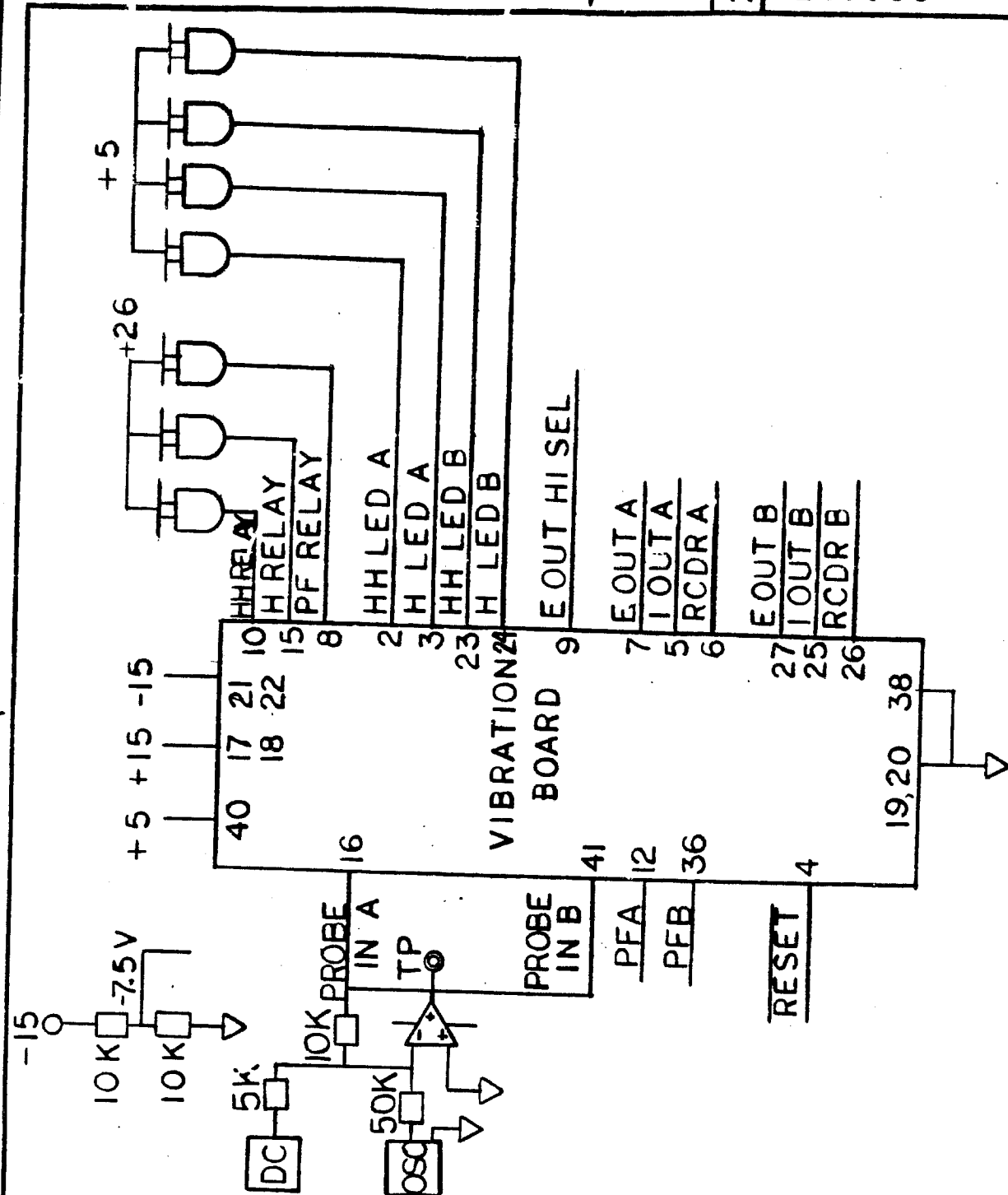
R1 3  
R22 1  
R27 2  
TP5  
TP6  
TP3  
TP4  
TP1  
TP2

## CHANNEL B

PROBE IN (41)

R31 6  
R53 4  
R56 5  
TP11  
TP12  
TP9  
TP10  
TP7  
TP8

REVISIONS		GENERAL  ELECTRIC			
SYM	DESCRIPTION	MST	DEPT	LOC	LYNN, MASS.
A	(3) LINE 12 WAS PF RELAY AND LED1 <i>RWB 1/29/81</i> <i>21RF1546 &amp; MORRIS (D+R)</i>	PERFORMANCE REQUIREMENTS			
B	(3) ITEM 12 & 14 ADDED LAST SENT- <i>ENCE</i> <i>21RF1892</i> <i>Oct. 10/23/81</i> <i>RWB</i>	SIGNATURES	DAY	MO	YR
		DRAWN	R. C. Culla	8	5
		CHECKED	H. H.	27	7
		ISSUED	R. Burke	26	9
		SIZE	A		1266J39
		REV	B		SH 3



REVISIONS	
SYM	DESCRIPTION
(4)	ADDED PINS 12 & 36 10/63/01 BIRFB92 R. B. C. / R. B. C.

<b>GENERAL ELECTRIC</b>	
MST	DEPT LOC LYNN, MASS.
PERFORMANCE REQUIREMENTS	
SIGNATURES	DAY MO YR
DRAWN <i>L. B. C.</i>	3 29 79
CHECKED <i>R. B. C.</i>	12 25 79
ISSUED <i>R. B. C.</i>	12 26 79
SIZE <b>A</b>	REV <b>B</b>
1266J39	
SH 4	

CODE IDENT. 01289

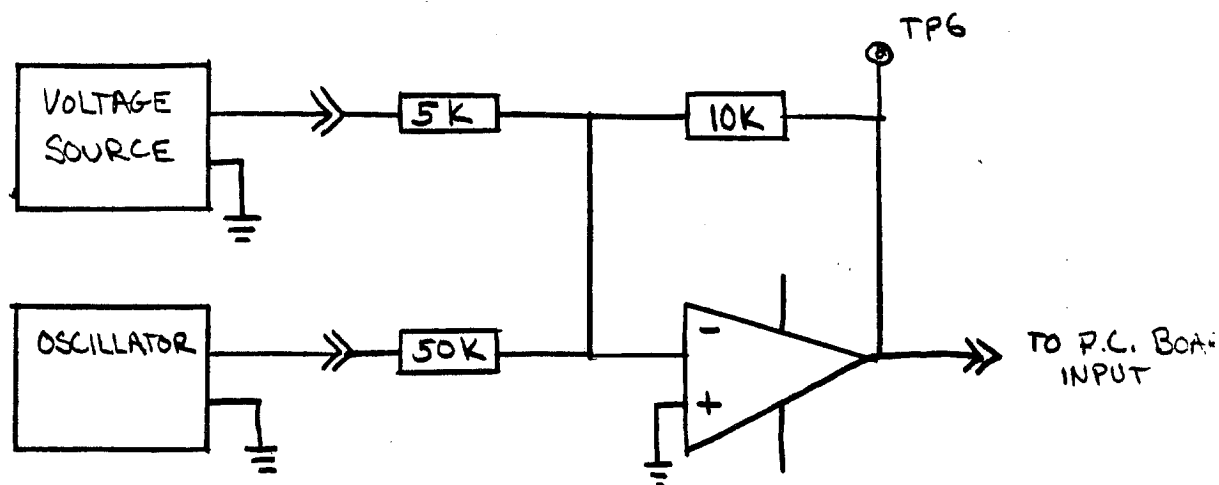
DIST 1 930 973 937 006 908

1266J39-REV①  
VIBRATION  
#2 CHANNEL  
NBD 29

VIBRATION 873 E979

SHT 6 OF

TEST EQUIPMENT  
SIGNAL SUMMER



Fixture

4116J80

11-5-79