



# FLIP CHIP MODULES TEST SPECS

TYPE: R 151  
BINARY  
TO OCTAL DECODER

TEST	CONDITIONS	MINIMUM	MAXIMUM
LOAD TESTS	$V_{IN} = -0.5 \text{ V}$	1.8 MA	2.2 MA
LOWER LEVEL	$V_{IN} = -0.5 \text{ V}$	3.2 V	3.9 V
$V_{CE}$	$V_{IN} = 2.0 \text{ V}$ $I_C = 20 \text{ MA}$		300 MV
TOTAL TRANSITION TIME	RISE		70 NS
	FALL		300 NS
CHECK FOR ABSENCE OF SHORT BETWEEN C AND D		✓	

### TECHNICAL INFORMATION

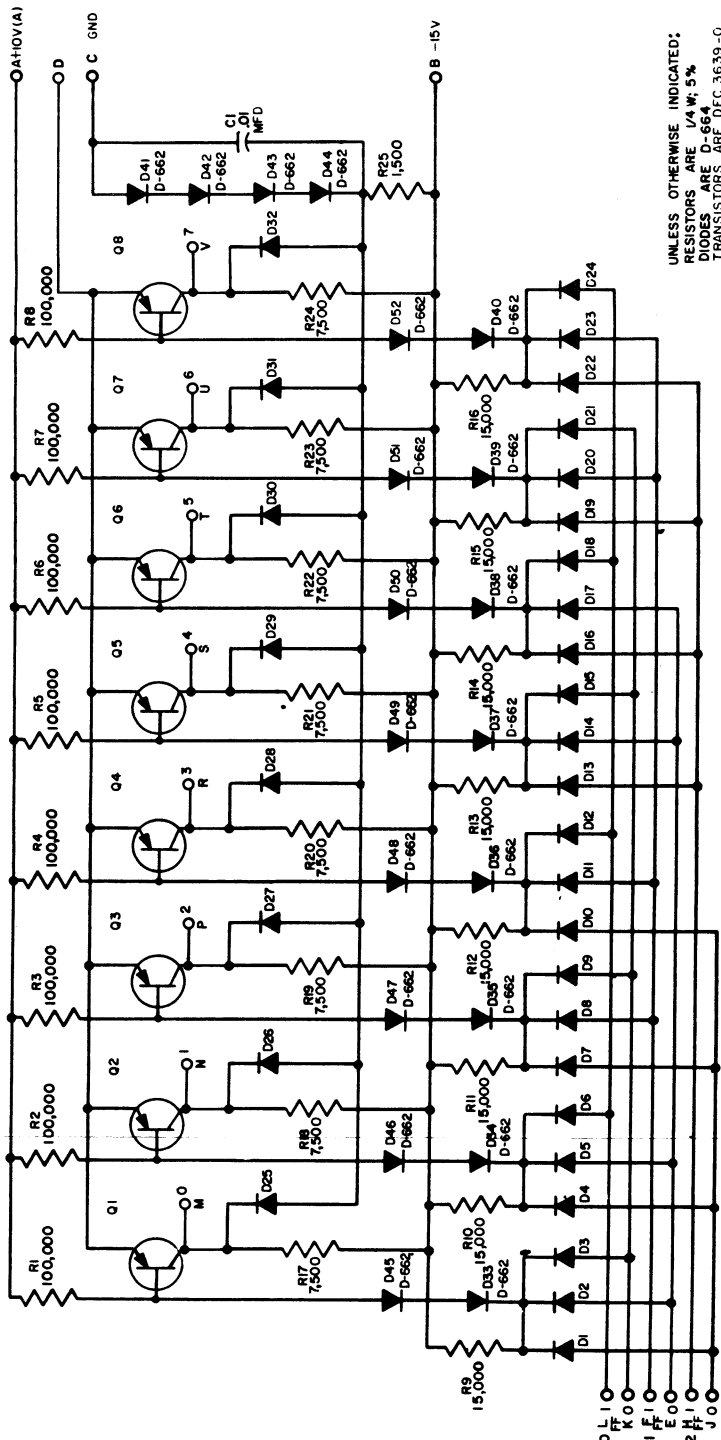
Instruction literature and technical bulletins are available on all digital products, if you would like to be added to our mailing list for this type of material or if you have any questions about the equipment you have purchased, please contact the nearest Digital Sales Office.

### MAINTENANCE INFORMATION

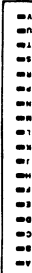
Repair of printed circuitry should be done with a low voltage, fairly cool soldering iron to prevent damage to the transistors and keep the copper from lifting. Oscilloscopes used to troubleshoot a module or system should be grounded to prevent damaging transients.

*ban*  
12/11/64

RS-B-R151-3



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



TRANSISTOR & DIODE CONVERSION CHART				NOTES	
DEC	TRANS	DEC	TRANS		
3639-C	2N3639	664	1N664		
664	1N664				
3639-C	2N3639				

THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY.

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1	2	3	4	5	6	7	8	9	0
0	1	2	3	4	5	6	7	8	9
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