

REV. NO. A
68A993986
CONT ON SHEET 2 SH NO. 1

TITLE
TEST SPECIFICATIONS BUS MONITOR
FIRST MADE FOR IC3600SBMA1

REVISIONS

ELEMENTARY IC3600SBMA1

SPECIAL TEST EQUIPMENT

1. WAVETECK 101 SQUARE WAVE GENERATOR
2. TWO VARIABLE 0-50 VOLT POWER SUPPLIES
3. 100Ω 1/2 W 68A7000P102 RESISTOR

GENERAL TEST REQUIREMENT

THIS TEST SPECIFICATION REQUIRES Q.C.
TO VERIFY MONITOR CARD OPERATION AND MAKE INITIAL ADJUSTMENTS OF CARD.

SPECIFIC TESTS

1. ADJUST POTENTIOMETER R71 FULL CLOCKWISE.
ADJUST POTENTIOMETER R70 FULL COUNTER CLOCKWISE.
2. CONNECT POWER SUPPLY 1: (SET TO 50V)
 - A) COM ON PIN (1, 51)
 - B) +50 VOLTS ON PIN (19) V_1 , and Pin 30 (VR).
 - C) Jumper Pin 13 to Pin 11
3. CONNECT POWER SUPPLY 2: (SET TO 12.0 VOLTS)
 - A) COM ON PIN (1, 51)
 - B) 12 Volts on Pin (4), V_{HL} , and Pin 5 (VLL).
4. VERIFY THAT:
 - A) TP1 PIN (13) MEASURES 9.5 TO 10.5 VOLTS
 - B) TP2 PIN (21) MEASURES 9.0 TO 10.5 VOLTS
 - C) TP3 PIN (12) MEASURES 9.0 TO 10.5 VOLTS
 - D) FLT PIN (10) IS A LOGIC 0
 - E) K1 RELAY IS DROPPED OUT.(CONTINUITY BETWEEN PINS 43 AND 49)
5. CONNECT A 30 CPS 6 VOLT SQUARE WAVE TO SD PIN (33). CONNECT 100Ω RESISTOR BETWEEN P+ PIN (38), AND P- PIN (40).
6. VERIFY THAT:
 - A) K1 RELAY DROPS OUT WHEN SQUARE WAVE IS +6 VOLTS AND PICKS UP WHEN SQUARE IS "0".
 - B) Voltage pulse appearing across the P+ (38) to P- (40) 100 Ohm resistor (positive scope probe on P+) is greater than 3 Volts high and wider than 3 microseconds.
7. REMOVE SQUARE WAVE AND CONNECT SD PIN (33) TO COM.

11-19-68 Jfm
CGL 780804

A2

PGA

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PRINTS TO

MADE BY	T. B. MASON
ISSUED	20 SEPT. '68

APPROVALS
<i>D.C. Smith</i>

INDUSTRY CONTROL
SALEM, VIRGINIA

DIV OR DEPT.
LOCATION

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P6A
1338
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