

DataGeneral

**TECHNICAL
STATEMENT**

TEXT LISTING

068-000535-00

PROGRAM

MICRONOVA PROM BOARD PROGRAMMER
DIAGNOSTIC

TEXT TAPE

097-000535-00

ABSTRACT

THE PROGRAM IS IN THREE PARTS:

1. A DIAGNOSTIC TEST TO DETERMINE IF CERTAIN LOGIC ELEMENTS ARE PROPERLY PERFORMING.
2. A SCOPE LOOP TO SEE IF THE VOLTAGES AND TIMING RELATIONSHIPS ARE CORRECT.
3. ANOTHER SCOPE LOOP TO CHECK ADDRESSES

0001 .MAIN

MACRO REV 06.30

13:55:07 02/14/79

10002 .MAIN

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*****
? NAME: MNPBP.TX
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? DESCRIPTION: MICRO NOVA PROM BOARD PROGRAMMER DIAGNOSTIC
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? REVISION HISTORY:
? REV. DATE
? 00 06/24/77
?
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*****
? MICRONOVA PROM BOARD PROGRAMMER DIAGNOSTIC
?
?1.0 EQUIPMENT REQUIRED
? MICRO NOVA WITH 4K READ/WRITE MEM
? TELETYPE
? PROM BOARD PROGRAMMER
?
?2.0 PROGRAM DESCRIPTION
? THE PROGRAM IS IN THREE PARTS:
? 1. A DIAGNOSTIC TEST TO DETERMINE IF CERTAIN LOGIC
? ELEMENTS ARE PROPERLY PERFORMING
? 2. A SCOPE LOOP TO SEE IF THE VOLTAGES AND TIMING
? RELATIONSHIPS ARE CORRECT
? 3. ANOTHER SCOPE LOOP TO CHECK THE ADDRESSES
*****
?3.0 CONFIGURATION *****
? ***** THE PBP MUST BE PLUGGED INTO THE MAIN CHASSIS *****
? ***** FRAME AND NOT CONNECTED TO A PROM BOARD FOR THESE TESTS. *****
?4.0 STARTING PROCEDURE *****
? LOAD THE PROGRAM AND START AT 200, THE PROGRAM WILL
? ASK:
? SELECT (1)DIAGNOSTIC,(2)TIMING LOOP
? (3)ADDRESS LOOP?
? A RESPONSE OF EITHER 1<CR>,2<CR>,OR<3> WILL SELECT THE
? DESIRED TEST
?
? ANY SELECTED TEST WILL RUN CONTINUOUSLY
?
? IF THE <ESC> KEY IS STRUCK THE PROGRAM WILL STOP AND
? GIVE ANOTHER SELECT MESSAGE
?
? FOR OTHER KEYS SEE SWITCH SETTING
? AND ODT DESCRIPTION
? SWITCH SETTINGS
?5.
? LOCATION "SWREG" IS USED TO SELECT THE PROGRAM OPTIONS
? (NOT SYSTEM CONFIGURATION). WHILE RUNNING UNDER DTOS,
? THIS LOCATION WILL BE LOADED BY THE MONITOR.
? HOWEVER UNDER STAND ALONE AND PROGRAM LOAD MODES THIS
? LOCATION WILL BE SET ACCORDING TO THE ANSWERS SUPPLIED
? BY THE OPERATOR. IN ANY CASE THE OPTIONS CAN BE CHANGED
? OR VERIFIED BY USING ONE OF THE COMMANDS GIVEN IN SEC.
? 5.2
?
? .EOT
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0003 .MAIN

**00000 TOTAL ERRORS, 00000 PASS 1 ERRORS