

DataGeneral

**TECHNICAL
STATEMENT**

TEXT LISTING

068-000397-01

PROGRAM

MULTIPROCESSOR COMMUNICA-
TIONS ADAPTER 4206 DIAG

TEXT TAPE

097-000397-01

ABSTRACT

THIS IS A MAINTENANCE PROGRAM TO TEST AND AID IN DIAGNOSING A
4206 MCA. THE PROGRAM RUNS WITHOUT THE MCA BUS CONNECTED.

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0001 .MAIN MACRO REV 06.20          10:49:50 06/28/77
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: NAME: 4206D.TX                    PART NUMBER: 097-000397
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: DESCRIPTION: MULTIPROCESSOR COMMUNICATIONS ADAPTER 4206 DIAGNOSTIC
:
: REVISION HISTORY:
:
:   REV.      DATE
:   ---      ---
:   00       07/23/76
:   01       09/02/77
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: MULTIPROCESSOR COMMUNICATIONS ADAPTER 4206
: DIAGNOSTIC PROGRAM
: V1.L12
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: 1. ABSTRACT
: THIS IS A MAINTENANCE PROGRAM TO TEST AND
: AID IN DIAGNOSING A 4206 MCA.
: RUNS WITHOUT THE MCA BUS CONNECTED.
:
: 2. MACHINE REQUIREMENTS
: 2.1 ONE NOVA(EXCEPT MICRO)FAMILY PROCESSOR
: 2.2 ONE TELETYPE
: 2.3 ONE 4K READ/WRITE MEMORY
: 2.4 ONE 4206 MCA BOARD
:
: 3. SWITCH SETTINGS
: STARTING ADDRESS =200
: SWITCH 1 (1) =PROCEED FROM ERROR
: SWITCH 2 (1) =INHIBIT TTY OUTPUT
: SWITCH 3 (1) =PRINT FAILURE RATE
: SWITCH 5 (1) =OUTPUT TO LPT
: SWITCH 7 (1) =HALT ALLOW ENTRY OF NEW DEVICE CODE
: VIA SWITCH REGISTER AS FOLLOWS:
: ACO=OLD XMITTER CODE
: AC1=NEW XMITTER CODE
:
: 4. OPERATING PROCEEDURE
: 4.1 TURN OFF POWER ON ALL EQUIPMENT
: 4.2 PLUG IN MCA 4206 ROARDS
: 4.3 DISCONNECT MCA BUS EXTERNAL CABLES
: ATTACH TERMINATOR TO EXTERNAL CABLE CONNECTOR
: 4.4 TURN ON POWER
: 4.5 LOAD THIS PROGRAM VIA BINARY LOADER OR DIAGNOSTIC
: OPERATING SYSTEM
: 4.6 AFTER DEPOSITING A NON-ZERO NUMBER IN LOCATION JMPR5
: IF JUMPER W15 IS ON THE MCA BOARD.
: 4.7 IF LOADED BY BINARY LOADER, SET SWITCHES AT 200,
: PRESS RESET,
: PRESS START.
: 4.10 ALLOW PROGRAM TO RUN UNTIL "PASS" HAS
: BEEN TYPED TWICE OR MORE.
:
: 5. PROGRAM OUTPUT AND ERROR DESCRIPTION
: 5.1 IF A MALFUNCTION IS DETECTED THE PROGRAM
: WILL HALT AT LOCATION ERR1+1. AC3 WILL
: CONTAIN THE LOCATION OF THE ERROR. +1.
: EXAMINE THE LISTING TO DETERMINE IF OTHER
: AC CONTENTS ARE IMPORTANT. THE OPERATOR
: MAY CHANGE SWITCH SETTINGS AT THIS TIME
: IF DESIRED. IF SWITCHES 1 AND 2 ARE ZERO
: (OFF) PRESSING CONTINUE WILL CAUSE A TTY PRINT-OUT
: OF THE ERROR LOCATION (SW5 WILL CAUSE PRINTOUT TO APPEAR AT LPT)
: WHEN THE PROGRAM IS IN A SCOPE LOOP, SETTING
: SWITCH 3(1) WILL CAUSE THE FAILURE RATE TO BE
: PRINTED. SETTING SWITCH 1(1) WILL CAUSE THE
: PROGRAM TO PROCEED TO THE NEXT TEST.

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0003 -MAIN

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01      16.0      CHANGING DEVICE CODES
02      :
03      ?
04      ? THE DEVICE CODES FOR THE XMITTER/RECEIVER MAY
05      ? BE AUTOMATICALLY CHANGED TO THE ALTERNATE
06      ? VALUES AS FOLLOWS:
07      ?
08      ? 1-START PROGRAM AT LOC 200
09      ? 2-PROGRAM WILL HALT AND ASK YOU TO SET SWITCHES.
10      ? IF DEVICE CODES ARE TO BE CHANGED DO THE
11      ? FOLLOWING.
12      ? 3-ENTER INTO ACO THE OLD XMITTER CODE
13      ? 4-ENTER INTO AC1 THE NEW XMITTER CODE
14      ? 5-PUT SWITCH 7 TO A ONE(1)
15      ? 6-PRESS CONTINUE
16      ?
17      ? THE PROGRAM WILL CHANGE ALL THE PERTINENT
18      ? DEVICE CODES AND START EXECUTING THE DIAGNOSTIC.
19      ?
20      ? PLEASE NOTE THAT UPON LOADING THE XMITTER HAS
21      ? A CODE OF 6 AND THE RECEIVER A CODE OF 7.THE
22      ? DEVICE CODE ROUTINE WILL CHANGE ALL THE XMIT
23      ? I-O INSTRUCTIONS TO THE NEW XMIT CODE
24      ? AND ALL THE RECEIVE I-O INSTRUCTIONS TO
25      ? THE XMIT CODE*1.
26      ?
27      ?
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.EOT