

NEW NUMBER = MAINDEC-11-DZCDA

DC11 CARD READER DIAGNOSTIC

ABSTRACT

This program is to be used as a card reader diagnostic for the PDP-11 with the DC11 card reader interface to the Documentation M 1000 punched card reader. It tests all logic functions of the card reader, and includes an exerciser for alphanumeric and binary test decks. A separate starting address allows the error sensing functions of the Documentation M 1000 reader to be checked. Another starting address tests special decks which have all columns and cards punched identically, to aid in diagnosing special problems.

REQUIREMENTS

PDP-11
DC11 Card Reader

STORAGE = Memory 0 to 15000.

LOADING = Absolute Loader

EXECUTION TIME = 30 sec.

STARTING PROCEDURE = Load adr 200
Set dynamic switch settings
Start

PRINTOUTS = Yes

SWITCH REGISTER OPTIONS = Yes

SW15 = 1 OR UP HALT ON ERROR
SW14 = 1 OR UP SCOPE LOOP
SW13 = 1 OR UP INHIBIT PRINT OUT
SW12 = 1 OR UP INHIBIT TRACE TRAPPING
SW11 = 1 OR UP INHIBIT SUB-PROGRAM ITERATION
SW07 = 1 OR UP LOOP THRU THE INSTRUCTION TEST PORTION (NOTE THAT THE PROCESSOR MAY HANG LEGITIMATELY WHEN THE INPUT HOPPER GOES EMPTY IF SW7 IS SET)
SW06 = 1 OR UP RETURN TO THE BEGINNING OF THE INSTRUCTION TEST WHEN CONTINUING FROM ONE DECK TO ANOTHER
SW05 = 1 OR UP HALT BETWEEN TEST DECKS
SW04 = 1 OR UP RUN THE BINARY TEST DECK
SW03 = 1 OR UP RUN IN IMAGE MODE ONLY
SW02 = 1 OR UP RUN IN PACKING MODE ONLY