

NEW NUMBER = DZDJA

DJ11 Logic Tests

This program tests the logic of the DJ11 asynchronous multiplexer in maintenance mode. It checks that all the control registers function properly, that interrupts occur at the right level, and that data can be transmitted and received correctly. This program does not test that the input and output lead connections are functional. (See MAINDEC=11=DZDJB, programs 2 and 3 for on-line testing). The program should be run for at least 2 passes with all switches down.

REQUIREMENTS

PDP-11 standard computer with console teletype up to 8 DJ11 asynchronous multiplexers.

STORAGE = 0 = 17500

LOADING = Absolute Loader

EXECUTION TIME = 15 seconds to 3 1/2 hours = Bell on pass complete

STARTING PROCEDURE = Start at 200
Restart at 1000

PRINTOUTS = Yes

SWITCH REGISTER OPTIONS = Yes

SW15 = HALT ON ERROR
 SW14 = SCOPE LOOP
 SW13 = INHIBIT PRINTOUT
 SW12 = INHIBIT TRACE TRAPPING
 SW11 = INHIBIT ITERATIONS OF SUBTEST
 SW10 = BELL ON ERROR
 0 = BELL ON PASS COMPLETE
 SW09 = LOOP ON ERROR
 SW08 = LOOP ON TEST IN SW710