

MAINDEC-11-D1E-

NEW NUMBER = DZMME

Memory Moving Ones and Zeros Test

ABSTRACT

The moving ones and zeros test verifies the following:

1. The selected test area is capable of writing and reading all configurations of a 0 bit moved sequentially through all bit positions of all test zone locations.
2. The selected test area is capable of writing and reading all configurations of a 1 bit moved sequentially through all bit positions of a test zone location.
3. The selected test area is free from regenerate noise disturbances for all of the forementioned moving 0 and 1 conditions. Scope loop options are provided to facilitate any additional diagnostic procedures that may be used in conjunction with this test.

REQUIREMENTS

PDP-11

STORAGE = 200 = 3154

LOADING = Absolute Loader

STARTING PROCEDURE = Start at 200 for automatic test limits
= up to 28K
= Start at 202 for selected test limits

EXECUTION TIME = 1 min; for part 1
= 4 min; for part 2
= Bell will ring

PRINTOUTS = Yes

SWITCH REGISTER OPTIONS = Yes

SW15 = HALT ON ERROR
SW14 = SCOPE LOOP
SW13 = INHIBIT PRINTOUT
SW12 = HALT ON END OF PROGRAM
SW11 = PART 2 SWITCH