

MAINDEC-08-D0BA

PDP-8 INSTRUCTION TEST EAE

ABSTRACT

THE DIVIDE OVERFLOW DETECTION HARDWARE, AND THE DIVIDE AND MULTIPLY HARDWARE ARE TESTED BY USING A PSEUDO RANDOM-NUMBER GENERATOR TO PRODUCE THE PARAMETERS FOR EACH TEST, A SOFTWARE SIMULATED DIVIDE AND MULTIPLY ARE USED TO TEST THE RESULTS OF THE HARDWARE DIVIDE AND MULTIPLY.

REQUIREMENTS

PDP-8 PROCESSOR, EAE TYPE 182 OPTION, KEYBOARD READER AND TELEPRINTER

STORAGE = MEMORY LOCATIONS 0010 8 -2551 8

LOADING = BINARY LOADER

STARTING PROCEDURE

THE STARTING ADDRESS OF THE PDP-8 PART 3B INSTRUCTION TEST IS 0200 8.  
SET 0200 8 IN THE SWITCH REGISTER KEYS AND PRESS THE LOAD ADDRESS KEY.  
SET 5000 8 IN THE SWITCH REGISTER KEYS AND PRESS THE START KEY.

PRINTOUTS = YES

SWITCH REGISTER OPTIONS = NO.