

NEW NUMBER = DZADA

AD02/AD11 Diagnostic Test

ABSTRACT =

This diagnostic tests and exercises the AD02/AD11. The program is self-starting and when loaded, will type out the program title and then request an A/D length. The program will accept a 10 to 13 bit unipolar or bipolar input. Examples: 10(CR)* would indicate a 10 bit unipolar A/D; typing 11+ (CR) would indicate an 11 bit bipolar A/D. A sentence is then typed giving the letter designators to be typed to run any one of the six (6) separate tests of which this program is comprised. The program then types a "CR" and then waits in a keyboard monitor mode for a letter to be typed. Although these tests may be run in any order, it is imperative that the "logic" test is run first and proved fully operational.

The program is set up to give the operator as much control over the program as possible via the teletype. Typing a "*C" (obtained via typing the "CNTR" and "C" keys simultaneously) while running any test will enable the program to return to the keyboard monitor and await a new letter designator to be typed. Typing a "*A" while in monitor mode will enable the letter designators to be retyped.

REQUIREMENTS

PDP-11
AD02/AD11 Analog to Digital Converter

STORAGE =

LOADING = Absolute Loader

EXECUTION TIME = 1 min;

STARTING PROCEDURE = Start at 200, Restart at 174

PRINTOUTS = Yes

SWITCH REGISTER OPTIONS = No