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Analog Temperature Interface

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SENIOR DESIGN PROJECT II

ANALOG TEMPERATURE INTERFACE

JAMES M. FINNERAN

APRIL 22, 1988

ABSTRACT ANALOG TEMPERATURE INTERFACE

The interface for the Commodore 64 computer was developed so that automatic temperature readings could be taken without someone monitoring the equipment. The user has several parameters that can be set and a pertinent data area that can be entered, such as: location of test, description of test, location of thermocouple, start time and date. This data is then stored on the disk and can be obtained at a later date. The main feature is the user and selection, one to four thermocouples and monitor the temperature on the screen, as well as store the data on disk. This allows the operator to be present during the test or to be involved in other activities and to recall the data at a later time.

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