

DOCUMENTATION GUIDELINES

December 1976

The following information is a guideline for documenting your programs for submittal to the library. Please use the specially designed forms.

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The documentation should be done in two main parts:

Part 1, first page, is a brief description of what the program does and what is required to run the program.

Part 2, page two and the remainder will contain a more detailed description of the program function, if needed, and information on program operation with examples.

A detailed outline on the actual forms is attached. All of the information will be supplied by the author of the program except the abstract number which is assigned by Tektronix, Inc.

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When your program is included in the library, you will receive 3 free programs of your choice.

Your free programs will be sent on tape in exchange for allowing us to keep your master tape.

If you wish your master tape returned, your free programs will be sent in the form of documentation and listings.



# APPLICATIONS LIBRARY PROGRAM

TITLE <i>Name of the program</i>		ABSTRACT NUMBER <i>To be supplied by Tektronix, Inc. Leave blank.</i>
ORIGINAL DATE	REVISION DATE	MEMORY REQUIREMENT <i>1 See Below</i>
AUTHOR <i>Name of programmer. Address &amp; Phone</i>		PERIPHERALS <i>2 See Below</i>

## ABSTRACT

*Describe in the space provided here what the program does. Limit the length of your description so that it will fit in this square.*

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- 1 8K (Standard 4051)  
16K (Option 20)  
24K (Option 21)  
32K (Option 22)*

- 2 List peripherals required. Show optional peripherals as well but label them as such. (i.e. 4662, 4641, 4924)*

The program material contained herein is supplied without warranty or representation of any kind. Tektronix, Inc., assumes no responsibility and shall have no liability, consequential or otherwise, of any kind arising from the use of this program material or any part thereof.

TITLE

*Name of Program*

ABSTRACT NO:

*Leave blank*

## 1. DESCRIPTION

*A more detailed description of what the program does, if the first page did not leave enough room for a complete detailed description. If the description on the first page is complete skip this part.*

## 2. DATA TAPE STRUCTURE

*If the program provides for storing data on tape or loading data from tape, the following information should be given here:*

- a. Type of tape data files (binary or ASCII)*
- b. Files used e.g. files 10 through 15*
- c. Format used to store the data in each file*
- d. An index of all data files showing their contents*
- e. An indication of whether the same tape or a separate data tape is required. An indication of whether the data tape or data files on the program tape must be pre-MARKed.*

## 3. INTERNAL DATA STORAGE

- a. List in a table format all variables used by the program. For example:*

<i>Variable</i>	<i>Used to Store . . .</i>	<i>Type</i>
<i>N</i>	<i>Number of observations</i>	<i>Simple</i>
<i>X<sub>S</sub></i>	<i>Keyboard input</i>	<i>String</i>
<i>A</i>	<i>Data from first N observations</i>	<i>Array (3,4)</i>

- b. Format used to store data internally, if not obvious from part a.*

## 4. METHODS

*Describe method used. Use flow chart to show logic if necessary.*

TITLE

*Name of Program*

ABSTRACT NUMBER

*Leave blank*

TITLE		TAPE #		FILE #	
11	12	13	14	15	
SOFT KEYS					
16	17	18	19	20	
6	7	8	9	10	

## 5. OPERATING INSTRUCTIONS

a. *Overlay*

*Describe in a table format what each user definable key does, if an overlay is used.*

b. *Program Loading*

*Program Loading Instructions*

c. *Program Execution*

1. *A brief description of how the program is run*
2. *Examples*

TITLE  <i>Name of Program</i>	ABSTRACT NO:  <i>Leave Blank</i>
<p>6. REFERENCES <i>List all references that you have used or those that might help the user to better understand what the program does and how it does it.</i></p> <p>7. LISTING <i>Program listings with plenty of REMARK statements identifying the various modules.</i></p>	