

# SYSTEM USER'S GUIDE

**PDP-8 FAMILY**



SYSTEM USER'S GUIDE  
FOR  
PDP-8/I  
PDP-8/L  
AND  
PDP-8  
PDP-8/S  
PDP-5

For additional copies order No. DEC-08-NGCB-D from Program Library, Digital  
Equipment Corporation, Maynard, Mass. Price \$3.00

1st Printing December 1966  
2nd Printing (Rev) August 1968  
3rd Printing February 1969  
4th Printing (Rev) March 1969  
5th Printing May 1969

Your attention is invited to the last two pages of this manual. The How To Obtain Revisions and Corrections offers you a means of keeping up-to-date with DEC's software. The Reader's Comments Card, when filled in and returned, is beneficial to both you and DEC. Each card received is considered when documenting subsequent manuals, and where the comments imply or ask for assistance, a knowledgeable DEC representative will contact you.

Copyright © 1966, 1968, 1969 by Digital Equipment Corporation

Documents Referenced:

Read-In Mode Loader	DEC-08-LRAA-D
Binary Loader	DEC-08-LBAA-D
HELP Loader	DEC-08-LHAA-D
Symbolic Tape Editor	DEC-08-ESAB-D
PAL III Symbolic Assembler	DEC-08-ASAC-D
MACRO-8 Assembler	DEC-08-CMAA-D
DDT-8	DEC-08-CDAA-D
ODT-8	DEC-08-COCO-D
FOCAL	DEC-08-AJAC-D
FORTRAN (4K)	DEC-08-AFC0-D
FORTRAN (8K)	DEC-08-A2A0-D
TC01 Bootstrap Loader	DEC-08-LUAA-D
DECtape Programming	DEC-08-SUB0-D
TC01/TU55 DECtape Formatter	DEC-08-EUFA-D
Disk Monitor System	DEC-D8-SDAA-D
PDP-8 Users Handbook	F-85
Small Computer Handbook	C-800

The following are registered trademarks of Digital Equipment Corporation, Maynard, Massachusetts:

DEC	PDP
FLIP CHIP	FOCAL
DIGITAL	COMPUTER LAB

# CONTENTS

## SECTION 1 INTRODUCTION

### Console Switch Positioning

#### Introduction

How To Use The Guide

System and Utility Programs

Computer Console Switches and Indicators

Switches

Indicators

ASR33 Teletype

Power Controls

Printer

Keyboard

Paper Tape Reader

Paper Tape Punch

High-Speed Tape Reader and Punch Units

Reader Unit

Punch Unit

DECtape Control and Transport Units

Control Unit

Transport Unit

Initializing the System

Paper Tape Formats

Abbreviations

## SECTION 2 SYSTEM PROGRAMS

### Read-In Mode (RIM) Loader

Purpose

Storage Requirements

Loading

### Binary (BIN) Loader

Purpose

Storage Requirements