



SUPPORT PRODUCT

# Z8018100ZC0

## DEVELOPMENT KIT

### DESCRIPTION

The kit contains an assembled circuit board, software and documentation to support software and hardware development for the Z80181 device.

The supplied cross assembler and link/loader package allows full assembly language support. A board resident debug monitor program allows object code to be downloaded and subsequently debugged.

### SPECIFICATIONS

#### Power Requirements

+5 Vdc @ .65 A

#### Dimensions

Width: 3.65 in. (9.27 cm)

Length: 4.20 in. (10.67 cm)

#### Serial Interface

RS-232C @ 9600 bits/sec.

### KIT CONTENTS

#### Z80181 Evaluation Board

CMOS Z80181 MPU

19.6608 MHz Crystal

Socketed (32K) /8K x 8 EPROM

(programmed with Debug Monitor)

Socketed (32K) /8K x 8 Static RAM

RS-232C Interface

Z80181 MPU Expansion Header

Z80181 Peripheral Signal

Expansion Header

Reset switch

NMI switch

#### Cables

25-Pin RS-232 Cable

#### Software (IBM\*-PC Platform)

Z8/Z80/Z8000 Cross Assembler

MOBJ Link/Loader

Resident Debug Monitor Source Code

Z80181 Example Software

#### Documentation

Z80181 Kit User Guide

Z80 Family Data Book

Z80181 Product Specification

Z85C30 Product Specification

Z80 Cross Assembler User Guide

MOBJ Link/Loader User Guide

Zilog short form catalog

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