



**Z8038000ZCO**

***Z80380 Evaluation Board***

**Customer Procurement Specification**

DC420101-0801



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# Z8038000ZC0

## Z80380 EVALUATION BOARD

### DESCRIPTION

This kit contains an assembled circuit board, software and documentation to aid evaluators and potential users in designing with the Z80380.

The supplied Z80™ cross assembler and link/loader package allows full assembly language programming support. A board resident debug monitor program allows executable code to be down-loaded and subsequently debugged.

### Supported Devices

Z80380

### Specifications

#### Power Requirements

+5 V<sub>DC</sub> @ 140 mA

#### Dimensions

Width: 5.6 in.

Length: 7.6 in.

#### Serial Interface

RS-232C @ 9600 Baud

### KIT CONTENTS

#### Z80380 Evaluation Board

CMOS 80380 MPU

CMOS 85230 ESCC™

18.432 MHz Oscillator

1 Socketed 32K x 8 EPROM

2 Socketed 8K x 8 EPROMs

1 Socketed 32K/128K x 8 Static RAM

2 Unsocketed 1 Mb Dynamic RAM Slots

RS-232C PC Interface

Reset Switch

NMI Switch

#### Cables

RS-232 Ribbon Cable

Pigtail Power Cable

#### Software (IBM® Platform)

Z80380 EPM™

Resident Debug Monitor Source Code

Resident ESCC Device Driver

Z8®/Z80®/Z8000® Cross Assembler

MOBJ Link/Loader

#### Documentation

Z80380 Kit User Manual

Z380 Technical Manual

Z380 Product Specification

SCC User's Manual

EPM User Manual

Z80 Cross Assembler User Guide

MOBJ Link/Loader User Guide

#### References

#### Third Party Hardware and Software Support

(Not Supplied with Kit)

Z380 Assembler: PLC (817) 599-8365

Z380 ICE: Signum (805) 371-4608

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