



**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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