



*SUPPORT PRODUCT*

## **Z8S18000ZCO**

**STATIC Z180/ESCC™  
EVALUATION BOARD**

### **DESCRIPTION**

The kit contains an assembled circuit board, software and documentation to support software and hardware development for the Z8S180 and Z85230 system at 18.432 MHz.

The supplied 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.

The board comes with sample code to illustrate the use of Zilog's Z8S180 and Z85230 in a variety of communication applications.

### **Supported Devices**

Z8S180, Z85230

### **Specifications**

#### **Power Requirements**

+5Vdc @ 5A

#### **Dimensions**

Width: 5.65 in.

Length: 4.0 in.

#### **Serial Interface**

RS-232 @ 9600 baud

### **KIT CONTENTS**

#### **Z8S180/ESCC Evaluation Board**

CMOS Z8S180 MPU  
18.432 MHz Crystal  
Socketed 64K/(8K) x 8 EPROM  
(Programmed with Debug Monitor and  
Device Driver Demonstration Software)  
Socketed 32K/(8K) x 8 Static RAM  
RS-232C PC Interface  
Z8S180 Expansion Header  
Z85230 Expansion Header  
Reset Switch  
NMI Switch

#### **Cables**

25-pin RS-232 Cable

#### **Software (IBM® PC platform)**

ASM800 Z800 Cross Assembler  
MOBJ Link/Loader  
Resident Debug Monitor and  
Device Drivers Demonstration  
Software Source Code  
Z8S180 Example Software  
(a) In ASM800 Assembly  
(b) In Microtek MCC80C and Microtek ASM80 Assembly

**Note: Zilog is not responsible for support  
and maintenance of the above software.**

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