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DATA SHEET

## Z8937301ZAC

### Z89373 ACCESSORY KIT

#### GENERAL DESCRIPTION

The Z89373 Accessory Kit is specifically designed to enable the Z8932101ZEM Emulator to program the Z89373

OTPs. In addition, the Accessory Kit provides the necessary in-circuit emulation of 68-pin PLCC devices.

#### SUPPORTED DEVICES

Packages	OTP Programming	In-Circuit Emulation
68-pin PLCC	Z89373	Z89323, Z89373
80-pin QFP	Z89373	

#### SPECIFICATIONS

##### Operating Temperature

20°C, ±10°C

##### Operating Humidity

10%–90% RH (noncondensing)

#### PACKAGE CONTENTS

##### Hardware

Z89373 Programming Adapter (99C0480-001)

68-pin PLCC Emulation Pod with cable assembly (93C055-001)

Emulation Pod Adapter (99C0605-001)

##### Documentation

Data Sheet

##### Additional Items Required (Not Supplied)

Z8932301ZEM Emulator

DSP ICE GUI Software, version C3.12A or later



**Figure 1. Schematic for Z89323 68-pin PLCC Emulation Pod**

1. Ensure that all the necessary emulator hardware and software is properly installed. Turn off all power associated with the emulator and target application.
2. Line up the sockets on the Emulation Pod Adapter with the header pins on the Z8932301ZEM. Place JP2 on the adapter over JP2 on the emulator board, and JP3 over JP3, respectively. Press the adapter firmly down into place.
3. Plug the Emulation Pod cable into the Yamaichi 40x2 pin connectors on the Emulation Pod Adapter. Plug the cable from J2 into P2. Plug the cable from J1 into P1.
4. Line up pin 1 on the emulator pod with pin 1 on the target application socket. Insert the pod into the socket.
5. Power up the emulator, then press the RESET button.
6. Power up the target application.
7. Open the Debug and the DSP Code Memory Windows.
8. Select the File menu to download the application or object code to be executed during emulation.
9. Begin emulation by pressing the GO button in the GUI Debug window.
10. After successful emulation, first power down the target application board.
11. Remove the emulation pod from the target.
12. Power down the emulator.



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ZiLOG, Inc.  
910 East Hamilton Avenue, Suite 110  
Campbell, CA 95008  
Telephone (408) 558-8500  
FAX 408 558-8300  
Internet: <http://www.zilog.com>