

Totally Logical

DATA SHEET

Z8937300ZAC

Z89373 ACCESSORY KIT

GENERAL DESCRIPTION

The Z89373 Accessory Kit is specifically designed to enable the Z8932101ZEM or Z8932302ZEM Emulator to

program the Z89373 OTPs (the Programming Adapter is included with the Z8932302ZAC).

SUPPORTED DEVICES

| Packages | OTP Programming |
|-------------|-----------------|
| 68-pin PLCC | Z89373 |
| 80-pin QFP | Z89373 |

SPECIFICATIONS

Operating Temperature

20°C, $\pm 10^{\circ}\text{C}$

Operating Humidity

10%–90% RH (noncondensing)

PACKAGE CONTENTS

Hardware

Z89373 Programming Adapter (99C0480-001)

Documentation

Data Sheet

ADDITIONAL ITEMS REQUIRED (NOT SUPPLIED)

A Z8932301ZEM or Z8932302ZEM Emulator as the OTP Programmer

DSP ICE GUI A3.12A software or later

PROGRAMMING ADAPTER INSTALLATION PROCEDURE

1. Ensure that all the necessary hardware and software is properly installed.
2. Plug the Programming Adapter into the 40-pin DIP socket of the ZEM emulator. Carefully align pin 1 of the adapter to pin 1 of the 40-pin socket.
3. Power up the system.
4. Start the DSP GUI application.
5. Open either the DSP Code Memory window or the Debug window.
6. Select the File menu to download the object code to be programmed.
7. Select the OTP menu item.
8. Make sure the device label faces up. Plug a Z89373 OTP device into the appropriate ZIF socket of the programming adapter. Carefully align pin 1 of the OTP with the silk screen marker of pin 1 on the programming adapter board. Insert the OTP device gently, and let it sit tight and flat inside the ZIF socket. For QFP devices, close the lid of the socket.
9. Begin programming by clicking the Program button on the DSP GUI.
10. After successful programming, remove the device by pushing the socket down and popping the OTP device out of the socket.

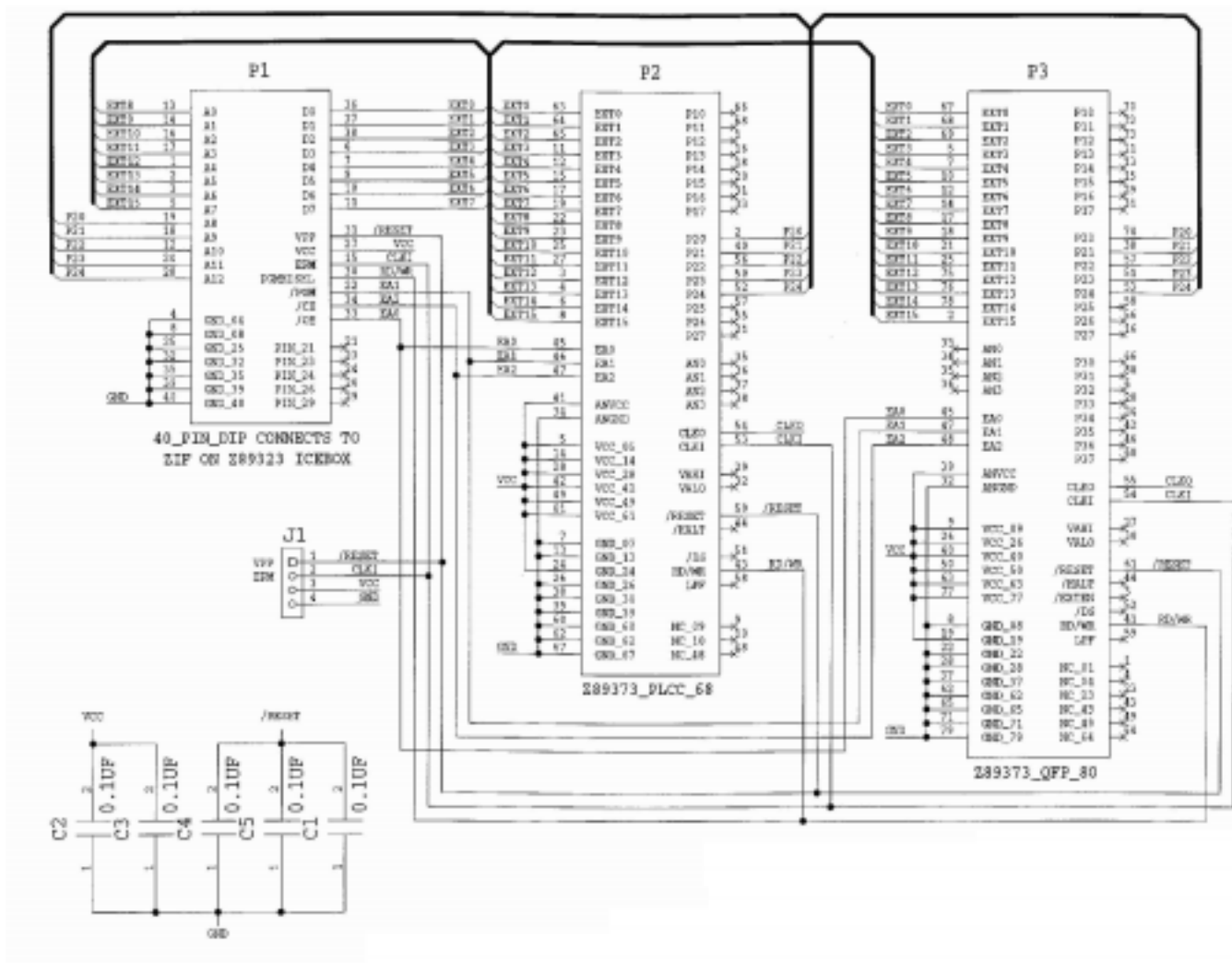


Figure 1. Schematic for Z89373 Programming Adapter

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