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ZCRMZNICE01ZACG

ZCRMZNICE01ZACG 20-Pin Accessory Kit

PUG002801-0108 Product User Guide

Introduction

This product user guide helps you to setup the 20-pin accessory kit for use with Zilog's ZCRMZNICE01ZEMG Crimzon In-Circuit emulator (ICE).

The following components are included with the kit:

- 20-PDIP target pod
- 20-SSOP programming adapter
- 20-SOIC programming adapter
- 20-PDIP programming adapter

20-PDIP Target Pod

The 20-PDIP target pod (Figure 1) allow you to connect a target board with a 20-PDIP socket to the Crimzon ICE.
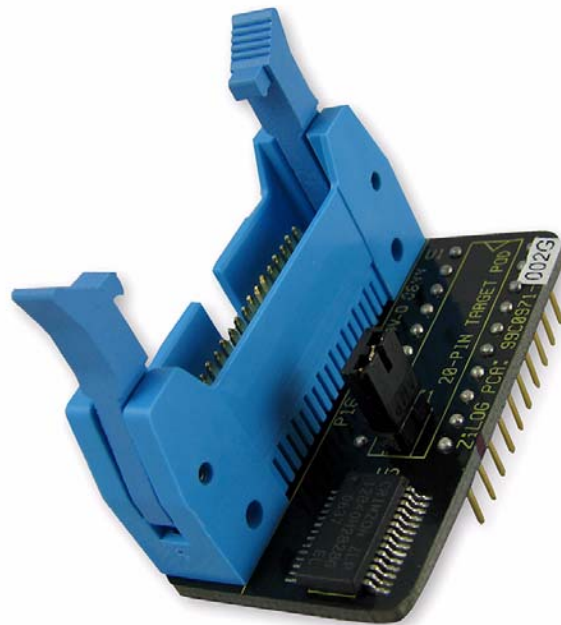

Figure 1. 20-PDIP Target Pod

To connect a 20-PDIP target board to the Crimzon ICE:

1. Install the 20-PDIP target pod into the 20-PDIP socket on your target board.

2. Connect the 34-circuit ribbon cable included with the Crimzon ICE from P10 on the ICE to P1 on the target pod.

3. Set the jumper on the 20-PDIP target pod as described in Table 1.

Table 1. Jumper Settings on the 20-PDIP Target Pod

Jumper	Function
J1 ON	Infrared (IR) Amplifier
J1 OFF	Digital/Analog

20-SSOP, 20-SOIC, and 20-PDIP Programming Adapters

The programming adapters enable you to program 20-pin OTP devices using the OTP programming module supplied with the Crimzon ICE. The 20-SSOP adapter is shown in Figure 2. To use the adapter:

1. Install the 20-pin device into the appropriate programming adapter.

2. Install the programming adapter into the ZIF socked on the OTP programming module (see Figure 3).

Refer to the *Crimzon ICE User Manual,* UM0217, for details on using the Crimzon ICE and OTP programming module.

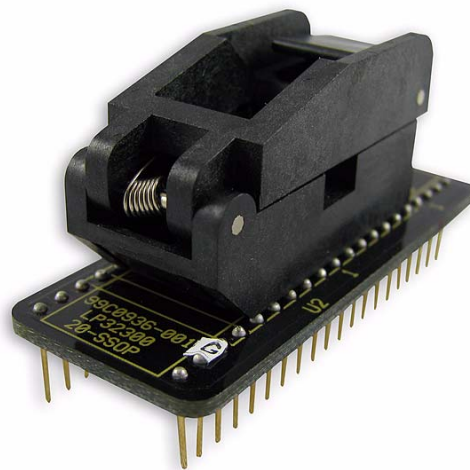**Figure 2. 20-SSOP Programming Adapter**

Figure 3. OTP Programming Adapter (Included with the Crimzon ICE)

▶ **Note:** *You can use the programming adapters in the 20-pin accessory kit to program a 20-pin ZLF645 on the IR development board using the 28-PDIP to 40-PDIP converter (99C1060-001G)*

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