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ZCRMZNICE02ZACG

ZCRMZNICE02ZACG 40/48-Pin Accessory Kit

PUG002901-0108 **Product User Guide**

Introduction

This product user guide helps you to setup the 40/48-pin accessory kit for use with Zilog's ZCRMZNICE01ZEMG Crimzon In-Circuit emulator (ICE).

The following components are included with the kit:

- 48-PDIP target pod
- 40-PDIP target pod
- 20-circuit ribbon cable
- 48-SSOP programming adapter
- 48-PDIP to 48-SSOP package converter
- 40-PDIP to 48-SSOP package converter

48-PDIP and 40-PDIP Target Pods

The 48-PDIP and 40-PDIP target pods (Figures 1 and 2) allow you to connect a target board with a 48- or 40-PDIP socket to the Crimzon ICE.

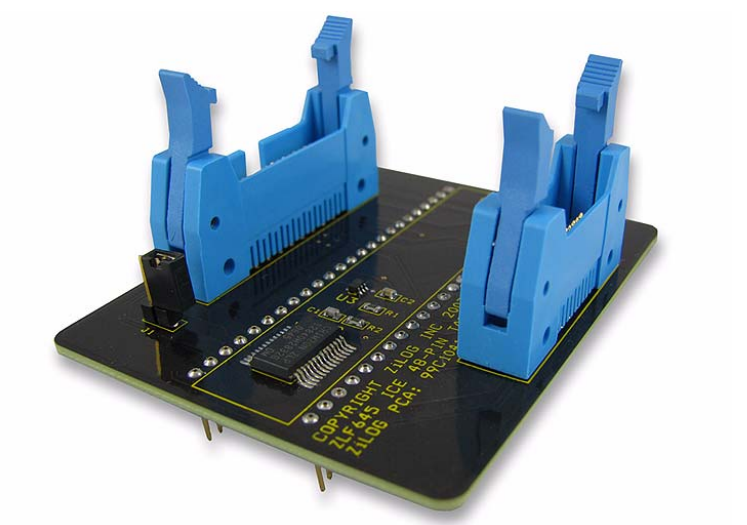

Figure 1. 48-PDIP Target Pod

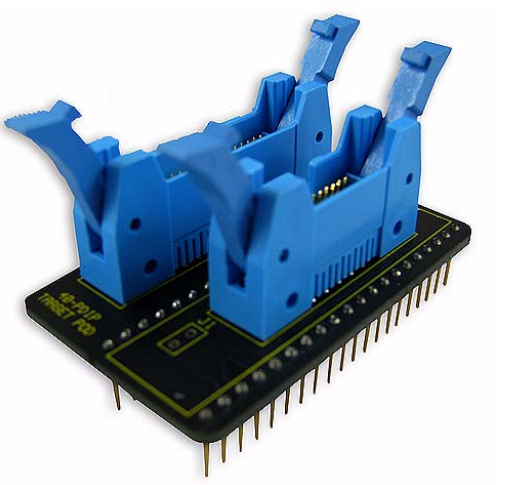

Figure 2. 40-PDIP Target Pod

Instructions

To connect a 48-PDIP or 40-PDIP target board to the Crimzon ICE:

1. Install the appropriate target pod into the 48- or 40-PDIP socket on your target board.
2. Connect the 20-circuit ribbon cable included with the accessory kit (Figure 3) from P9 on the Crimzon ICE to P2 on the target pod.
3. Connect the 34-circuit ribbon cable included with the Crimzon ICE from P10 on the ICE to P1 on the target pod.

Figure 3. 20-Circuit Ribbon Cable

48-SSOP Programming Adapter

The 48-SSOP programming adapter (Figure 4) enables you to program a 48-SSOP OTP device using the OTP programming module supplied with the Crimzon ICE (Figure 5). To use the adapter:

1. Install the 48-SSOP device into the programming adapter.
2. Install the programming adapter into the ZIF socked on the OTP programming module.

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

Note: *You can use the 48-SSOP programming adapter to program a 48-SSOP ZLF645 device on the IR development board using the 28-PDIP to 40-PDIP converter (99C1060-001G).*

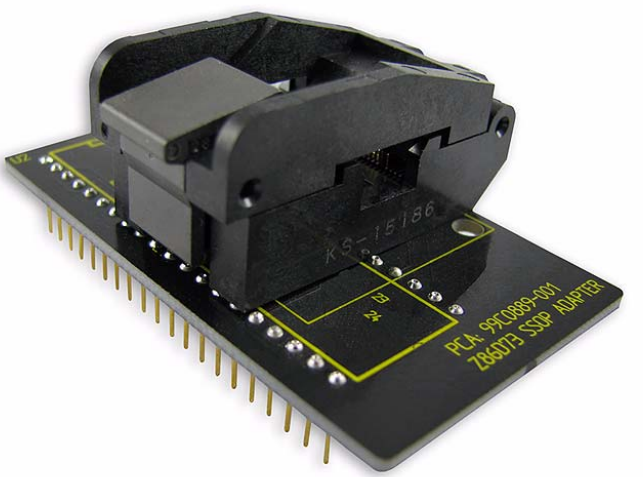

Figure 4. 48-SSOP Programming Adapter

Figure 5. OTP Programming Adapter (Included with Crimzon ICE)

48-PDIP and 40-PDIP to 48-SSOP Package Converters

The 48-PDIP and 40-PDIP to 48-SSOP package converters (Figures 6 and 7) enable you to connect a 48-SSOP device to a 48-PDIP or 40-PDIP connector on your target board.

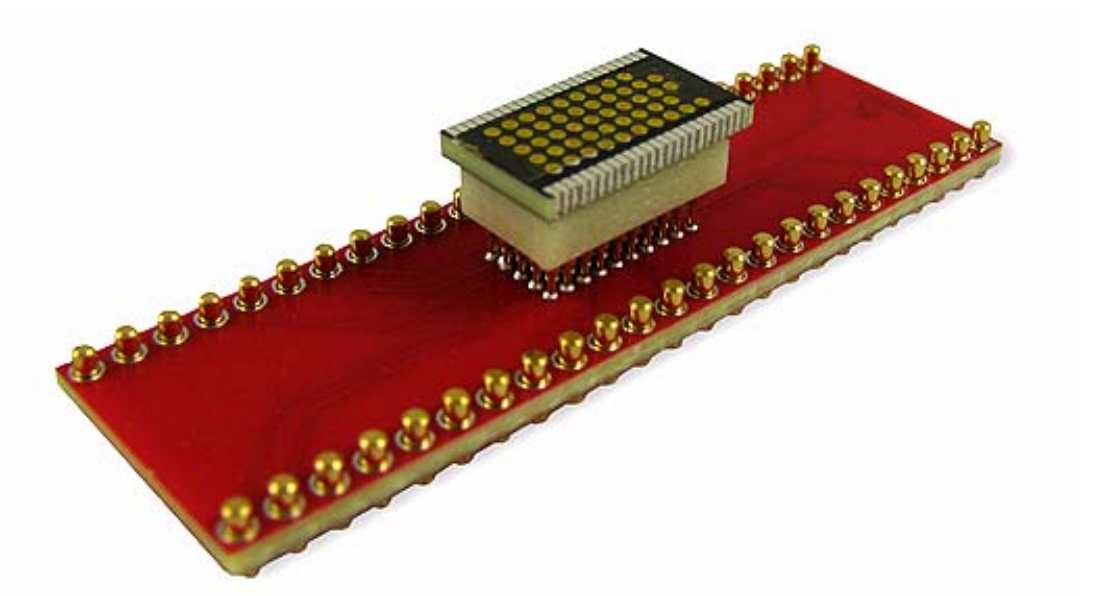

Figure 6. 48-PDIP to 48-SSOP Package Converter

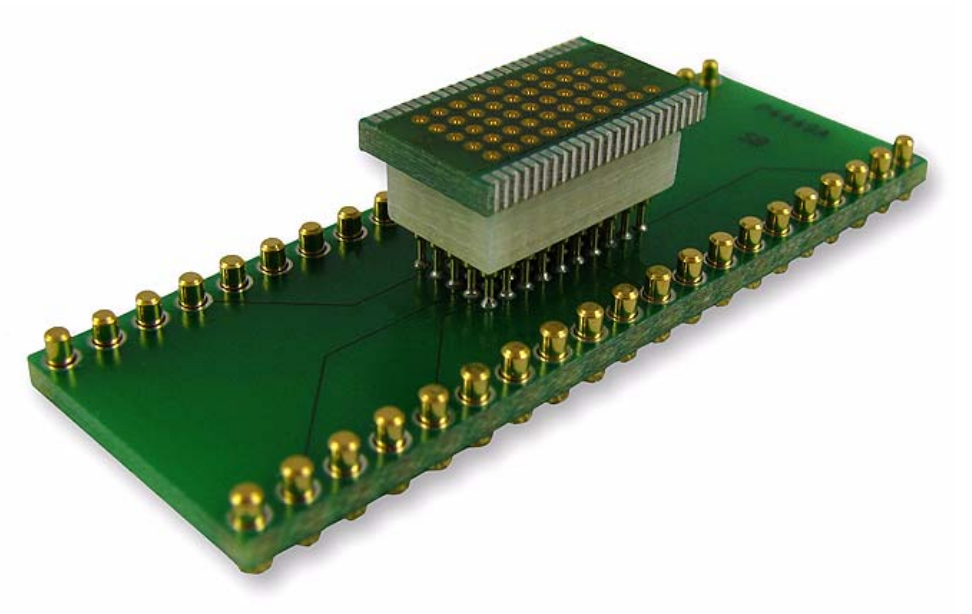

Figure 7. 40-PDIP to 48-SSOP Package Converter

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