

PRELIMINARY CUSTOMER PROCUREMENT SPECIFICATION

# **Z8700001ZAC** Z87000 ICEBOX Low Voltage Accessory Kit

# **GENERAL DESCRIPTION**

The Z8700001ZAC ICEBOX<sup>™</sup> Low Voltage Accessory Kit consists of two ICE (In-Circuit Emulation) pods, supporting the 100-pin Z87L00 and the 144-pin Z87L01 devices.

The 100-pin pod should be used with the following parts available from Emulation Technology:

- Mid-Subassembly MX-100-QF06-SUB
- Replacement Base EPP-100-QF06

The 144-pin VQFP pod should be used with the following parts available from Emulation Technology:

- Mid-Subassembly MX-144-QF63
- Replacement Base EPP-144-QF63-SM

The 144-pin QFP pod should be used with the following parts available from Emulation Technology:

- Mid-Subassembly MX-144-QF10
- Replacement Base EPP-144-QF10-SM

Emulation Technology can be contacted at:

2344 Walsh Ave. Bldg. F Santa Clara, CA 95051 Tel: (408) 982-0660 Fax: (408) 982-0664

The Replacement Base towers from Emulation Technology provide Surface Mount connectivity for the emulation pod.

The Mid-Subassembly boards from Emulation Technology adapt the Replacement Base to the Zilog pods.

The Zilog pods provide level translation between the 5V ICEBOX and 3V target systems.

#### Table 1. Supported Devices

Device	Packaging	
Z87L0016FSC	100-QFP	
Z87L0116ASC	144-VQFP	
Z87L0116FSC	144-QFP	

## SPECIFICATIONS

#### Dimensions

#### Table 2. Dimensions

	100-pin	144-pin	
Heigth	1.00"	1.00"	
Width	2.90"	2.45"	
Length	4.60"	3.30"	

#### **Power Requirements**

N/A (Powered by the ICEBOX)

## **Operating Temperature**

20 C, +/- 10 C

#### **Operating Humidity**

10-90% RH (non-condensing)

# **KIT CONTENT**

The kit includes:

■ ICE pod for 100-pin Z87L00 device

- ICE pod for 144-pin Z87L01 devices
- User's Guide

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