



Crimzon[®] Family of Microcontrollers

Crimzon RC Bullet[®] Manufacturing Reference Kit v1.2

Product Brief

PB021001-0706



Introduction

ZiLOG's Crimzon RC Bullet[®] Manufacturing Reference Kit v1.2 is a complete evaluation kit for the universal infrared (UIR) remote control. The UIR library contains infrared codes for devices such as TV, DVD, VCR, Satellite, Cable, Amplifier, and Receiver. This kit contains four 32 KB ZiLOG microcontrollers that have the ZiLOG ZBASE UIR library separately for North American and European regions.

The kit includes the following microcontrollers:

- Microcontroller 1—North American library without learning
- Microcontroller 2—North American library with learning
- Microcontroller 3—European library without learning
- Microcontroller 4—European library with learning

Crimzon RC Bullet[®] also provides advanced learning feature which is useful for the remote control to learn any new or missing codes.

The microcontroller is inserted into the board socket for evaluating the RC Bullet[®] features and library coverage. Once the evaluation is completed and approved, the microcontroller can be ordered in volume with the most current database in a package that fits the remote design.

Features

Crimzon RC Bullet[®] Reference Kit v1.2 includes the following features:

- Volume punch-through eliminates user mode-switching

- Direct code entry makes the selection of manufacturer codesets easier
- Auto power search through codesets
- Learning and non-learning models gives you a complete range of products
- The ZiLOG UIR database provides you over 700 codesets, supporting all top brand manufacturers' consumer entertainment equipments
- Low-battery indication
- Complete schematics are included, so all you need is a board layout and plastic case design
- Pre-programmed UIR database of remote control codes from ZiLOG ZBASE

Documentation

The following documents available in Crimzon RC Bullet[®] Manufacturing Reference Kit v1.2 describe the features, functions, and usage of Crimzon RC Bullet[®]:

- Crimzon RC Bullet Reference Design Kit Product User Guide (PUG0021)
- Crimzon RC Bullet Reference Design Kit Quick Start Guide (QS0037)
- Codeset Reference Manual for 6-in-1 North American Non-learning (RM0033)
- Codeset Reference Manual for 6-in-1 European Non-learning (RM0034)
- Codeset Reference Manual for 6-in-1 North American Learning (RM0049)
- Codeset Reference Manual for 6-in-1 European Learning (RM0050)



Ordering Information

| Part Number | Description |
|-----------------|---|
| ZRCBULT0120KITG | Crimzon RC Bullet® Manufacturing Reference Kit v1.2 |



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