



ICEPIC 3 Daughterboards

Introduction

Many thanks for purchasing this ICEPIC3 daughterboard. The ICEPIC 3 manual is supplied in electronic format on the CD supplied with the In-Circuit Emulator. Current revisions of the manual can also be downloaded from the RF solutions website.

Installation of Daughter Board

1. Installation of a daughter board is a simple push fit onto the topside of the ICEPIC3 motherboard, connecting only by the two connectors. It is only possible to fit the daughter board in a single orientation.
2. Ensure the Target header cables are securely inserted.



Jumper Link Configuration

There are several Jumper Links, which are used to configure your daughter board. These are all fitted to factory default settings during manufacture.

A jumper link guide is installed along with the ICEPIC III software. This can be accessed from the windows start menu, *Start -> Programs -> ICEPIC III -> 'Jumper Links.pdf'*

Transition Adapter Kits

The daughterboard is supplied with probe cable assembly(s) to enable connection to the users target board. In addition to the PDIP connector a transition board assembly is supplied. This may be used in conjunction with one of the ICEPIC3 Transition adaptor kits to enable direct connection to the users target board alternative /SMT package connections. Please see Datasheet DS054.

Warning

Extra care is therefore advised when handling the ICEPIC system, in particular the ICEPIC Daughterboards. Always apply Power to the ICEPIC pod BEFORE the target board and remove power from the ICEPIC after the target board. Care must be taken to avoid exposing the Target probe cable to any excessive static or reverse voltage. The Microchip emulation devices (16C01/3, 16CXXME etc) do not contain the same high voltage protection on their I/O lines as the standard PIC Microcontrollers.

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