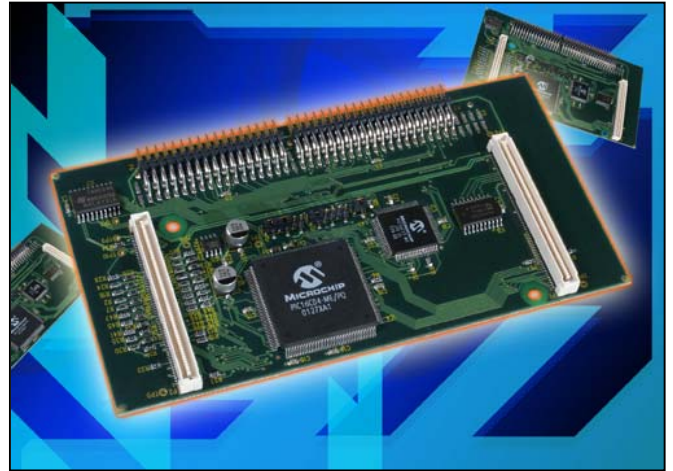


### Introduction

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'*

### Target Board Connectors

The daughterboard target board connectors are for use with the packages given in the table below.

Daughterboard	Connector	Target Board Package
I3DB16F84AR1	P4	20 Pin SOIC
	P8	18 Pin DIP
I3DB18F1320R1	P3	20 Pin SOIC
	P4	18 Pin DIP

### 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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