

HOLTEK BC66F2332 Easy DEV User Guide

Home » HOLTEK » HOLTEK BC66F2332 Easy DEV User Guide 🖫



Contents

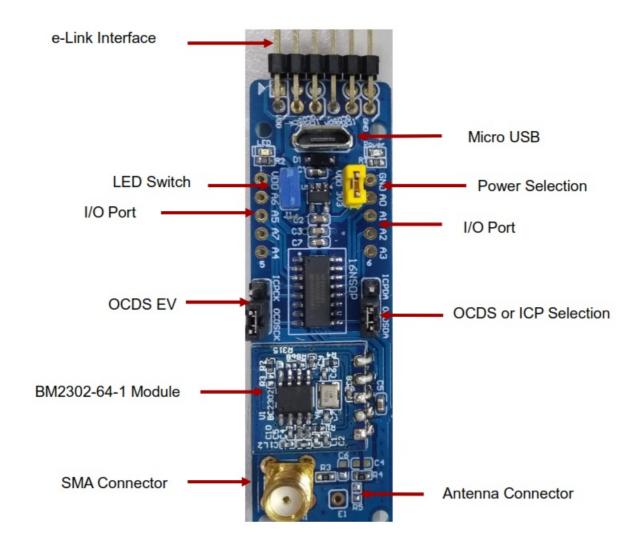
- **1 General Description**
- 2 e-Link On-Chip Debug Support OCDS
- 3 e-Link In-Circuit Program Function –
- **4 Pin and Schematics**
- 5 Documents / Resources
- **6 Related Posts**

General Description

1.1 Main Features

- · Directly connects to the e-Link without the need for wiring
- Connects to the e-Socket (ESKT40DIPC) for programming using the e-WriterPro
- Three power supply options: 5V (USB)/3.3V/VDD (e-Link)
- Preload breathing lamp (LED) DEMO CODE, development board status is convenient for inspection
- Compact board PAD hole distance multiple of 100mil allows for convenient usage

1.2 Hardware Introduction



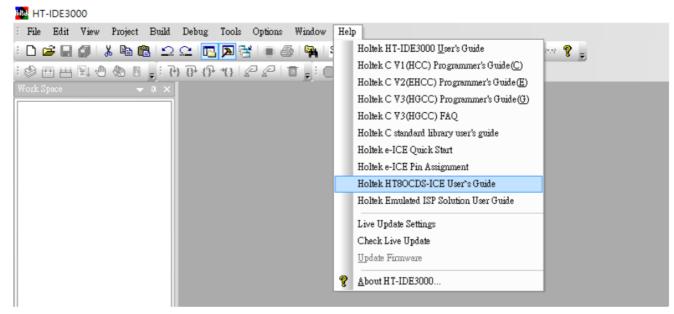
Note

- 1. The development board only supports the 433.93MHz frequency band.
- 2. If the SMA connector is used, select the 50Ω impedance antenna.
- 3. If using the spring antenna attached to the board, change the R3 to the R5 and weld the antenna to the E1 point.

e-Link On-Chip Debug Support – OCDS

2.1 Software Introduction

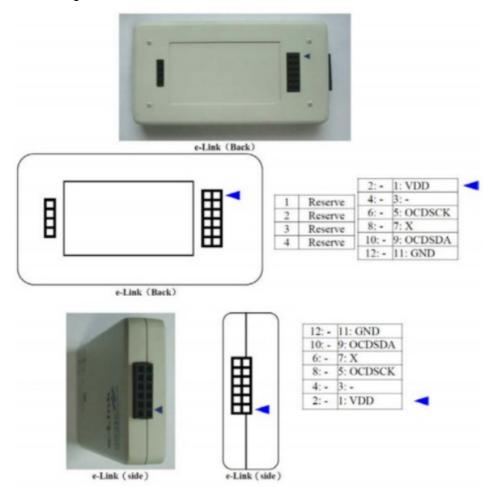
- 1. Download the software from the Holtek official website to obtain the relevant information.
 - Download Path: MCU Development Tools Software ICE Software HT-IDE3000
- 2. After the HT-IDE3000 installation has been completed, the Holtek HT8OCDS-ICE User's Guide can be accessed from its menu.



3. Update the e-Link to e-Link OCDS Mode using the HT-IDE3000 software.

2.2 Hardware Introduction

1. e-Link HT8OCDS Pin Assignment

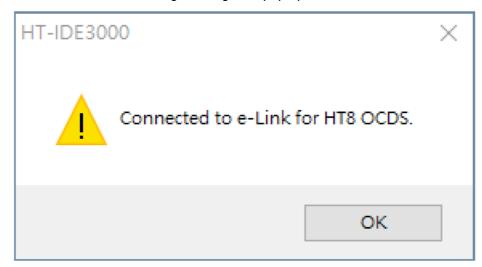


2. Hardware Connection Schematic Diagram

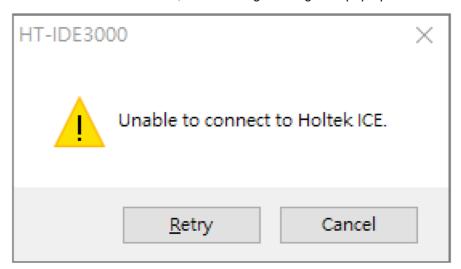


Connects to the USB port for programming using the HT-IDE3000. If problems are encountered, refer to the HT-IDE3000 User's Guide.

• If the connection is successful, the following message will pop up:



• If the connection fails or there is no connection, the following message will pop up:

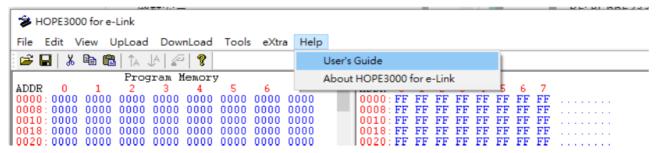


e-Link In-Circuit Program Function - ICP

3.1 Software Introduction

Download the software from the Holtek official website to get the relevant information.
Download Path: MCU Development Tools – Software – Programmer Software – HOPE3000 for e-Link

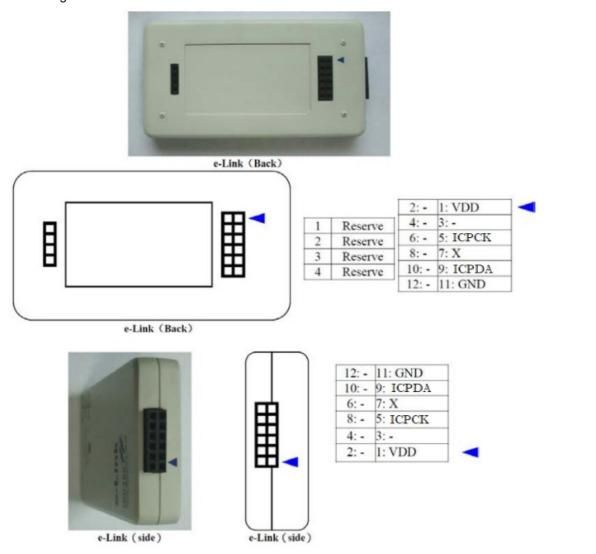
2. After the HOPE3000 for e-Link installation has been completed, the User's Guide can be accessed from the menu.



3. Update the e-Link to the e-Link ICP mode using the HOPE3000 for e-Link software.

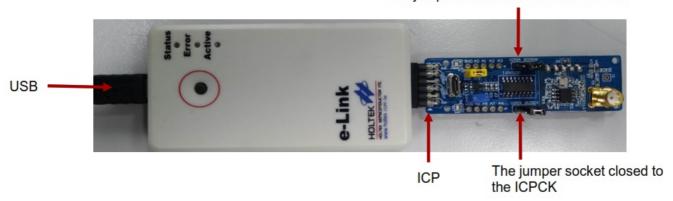
3.2 Hardware Description

1. e-Link ICP Pin Assignment

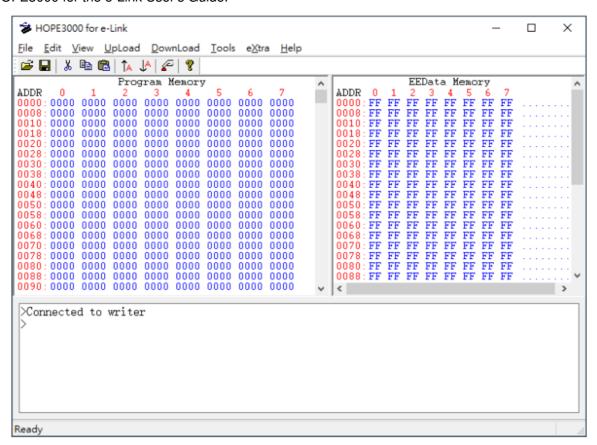


2. Hardware Connection Schematic Diagram

The jumper socket closed to the ICPDA

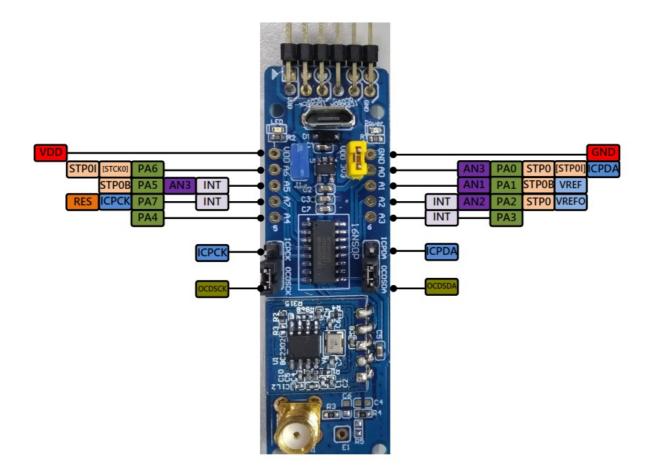


Connects to the USB port for programming using the HOPE3000 for e-Link. If the connection is successful, a prompt will be generated informing the user that the writer is connected. If problems are encountered, refer to the HOPE3000 for the e-Link User's Guide.

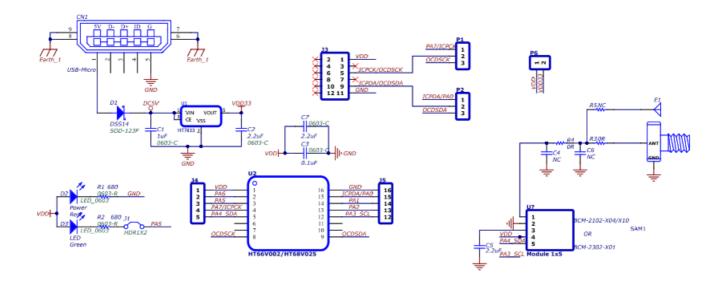


Pin and Schematics

4.1 Pin Assignment - Size: 20mm×64mm



4.2 Schematic



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Documents / Resources



Manuals+,