

HOLTEK BC66F2332 Easy DEV User Guide

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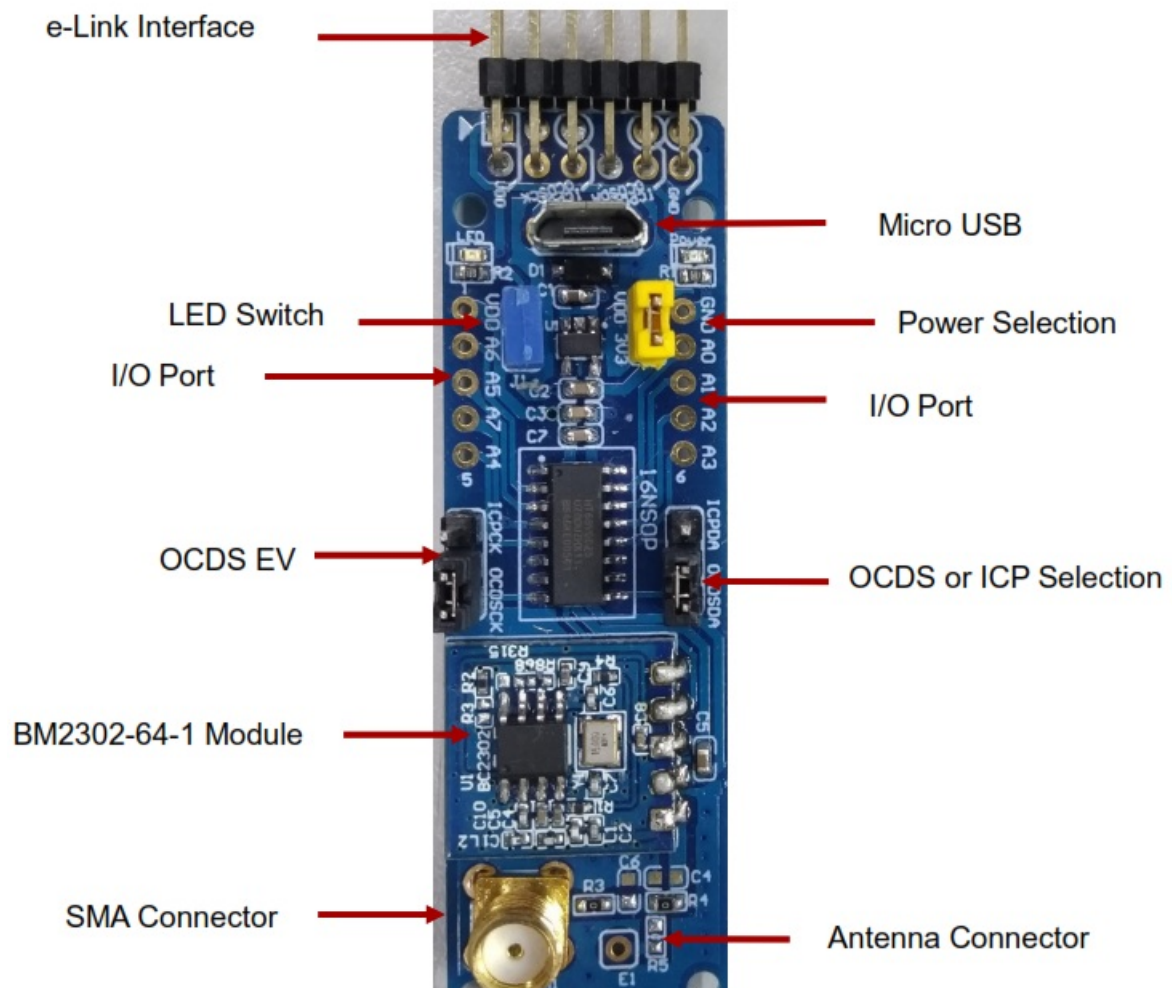
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General Description

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



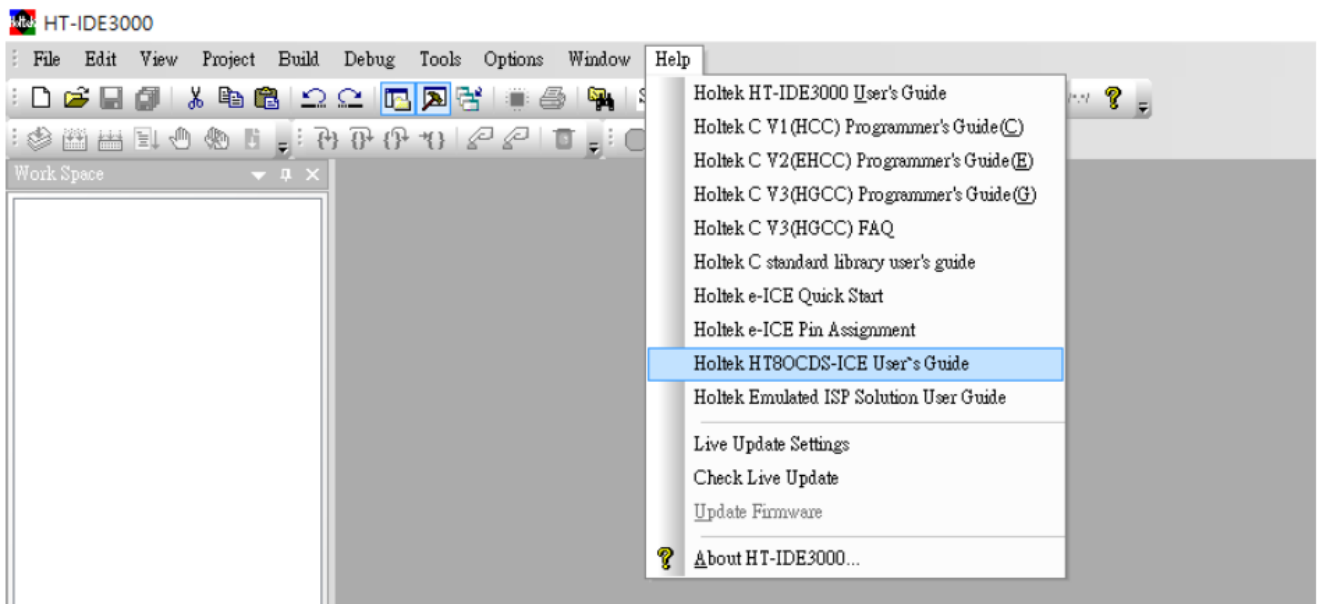
Note

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

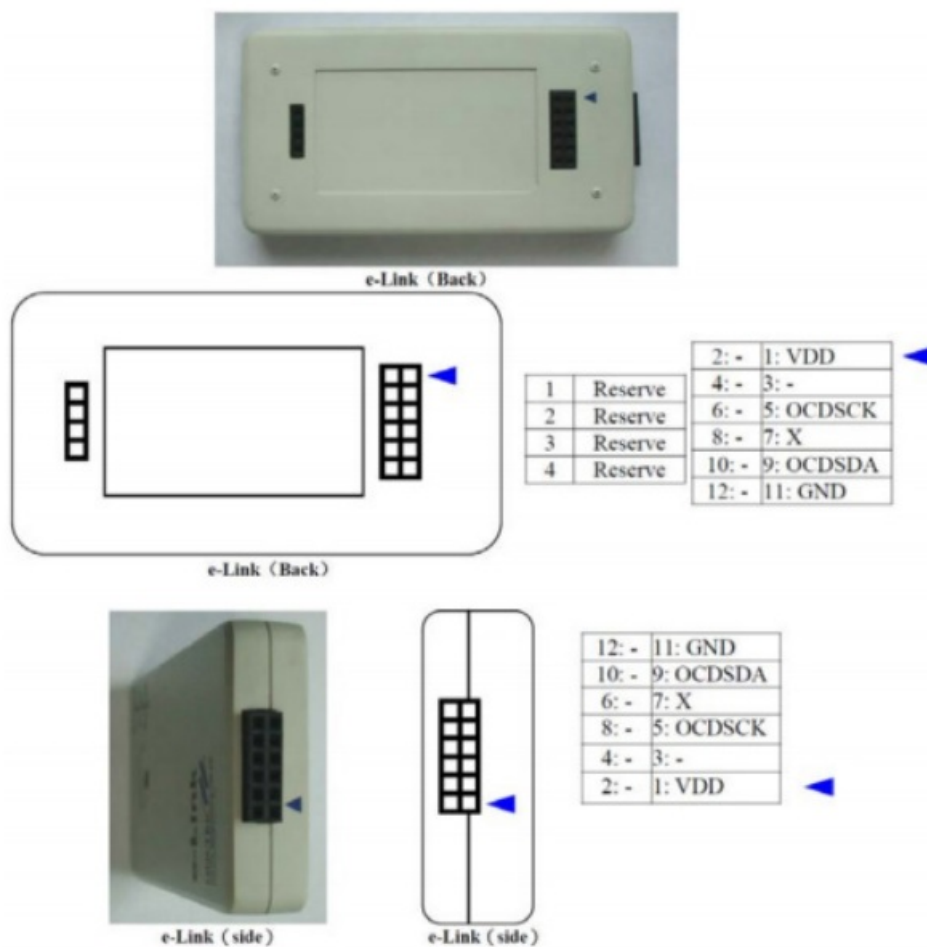
1. Download the software from the Holtek official website to obtain the relevant information.
Download Path: MCU Development Tools – Software – ICE Software – HT-IDE3000
2. After the HT-IDE3000 installation has been completed, the Holtek HT8OCDS-ICE User's Guide can be accessed from its menu.



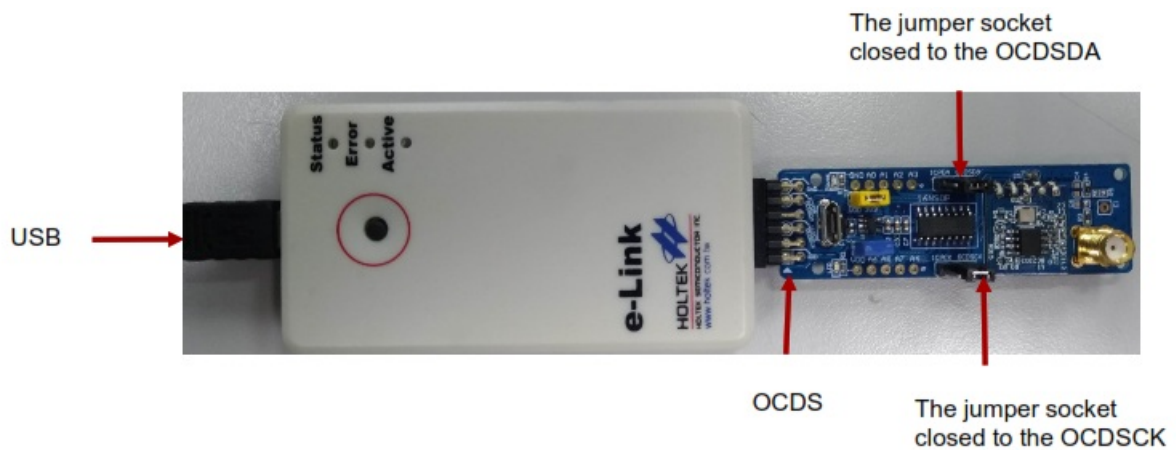
3. Update the e-Link to e-Link OCDS Mode using the HT-IDE3000 software.

2.2 Hardware Introduction

1. e-Link HT8OCDS Pin Assignment

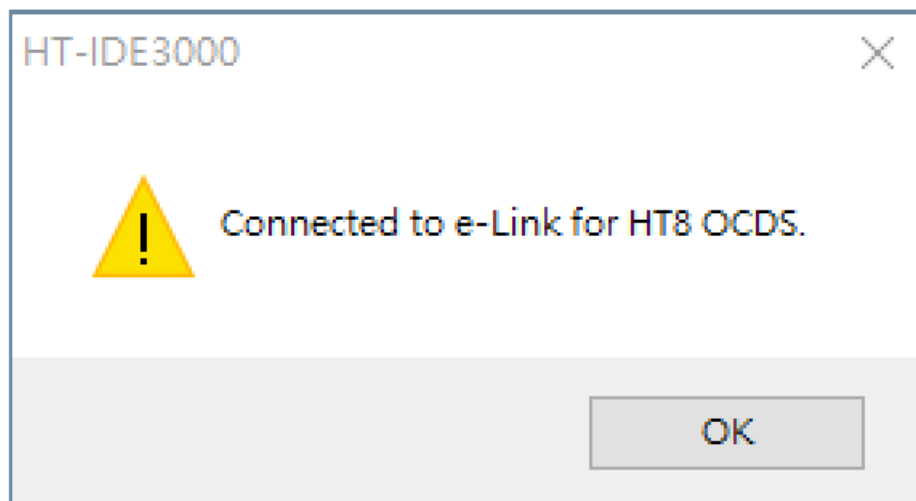


2. Hardware Connection Schematic Diagram

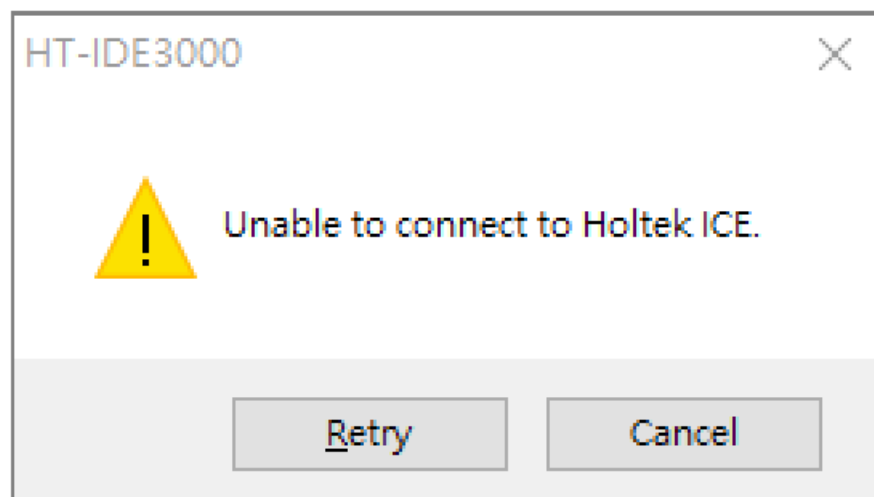


Connects to the USB port for programming using the HT-IDE3000. If problems are encountered, refer to the HT-IDE3000 User's Guide.

- 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:



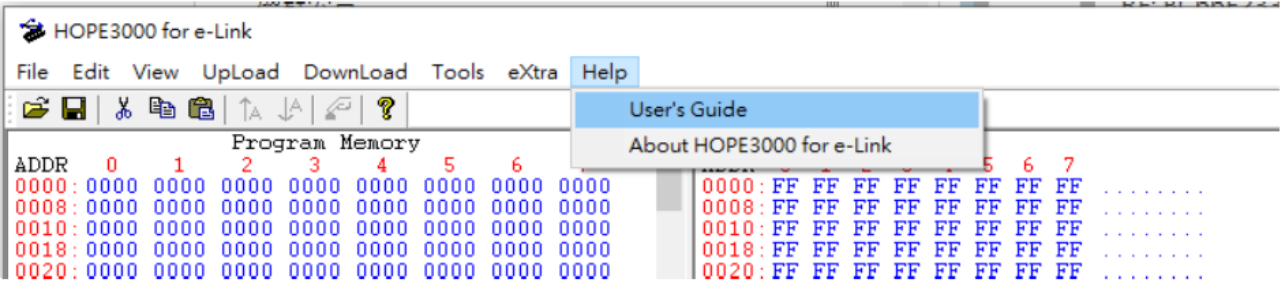
e-Link In-Circuit Program Function – ICP

3.1 Software Introduction

1. 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

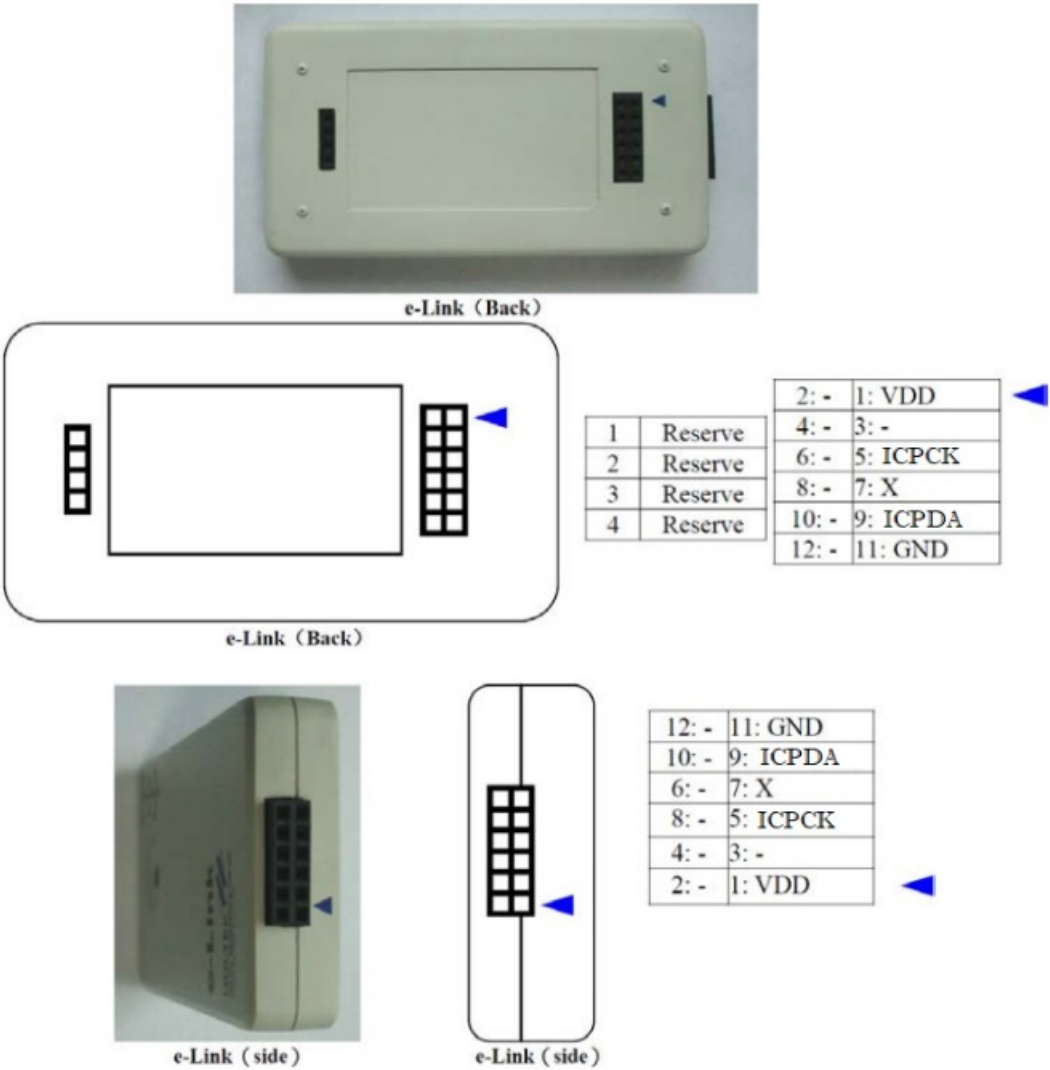
- After the HOPE3000 for e-Link installation has been completed, the User's Guide can be accessed from the menu.



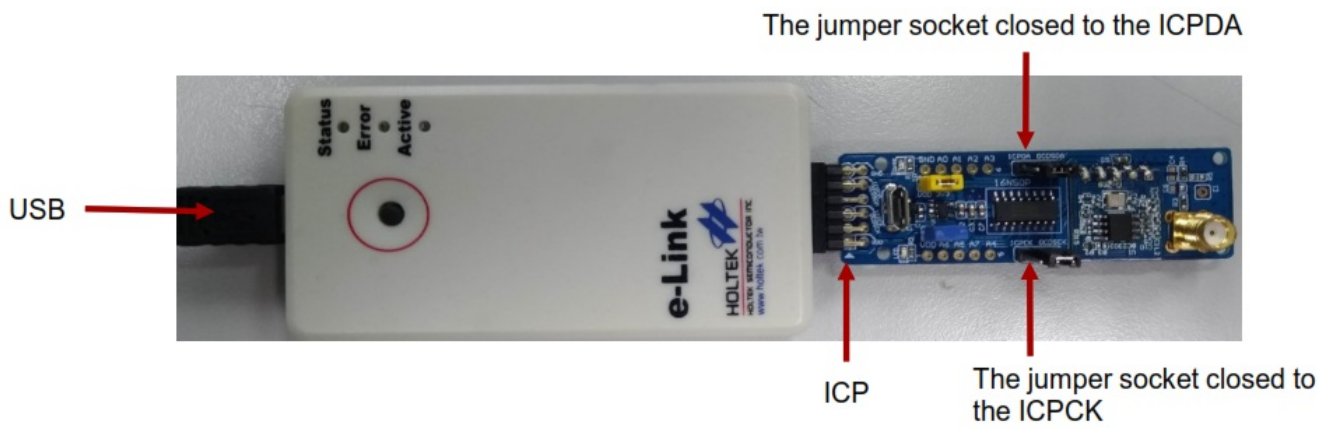
- Update the e-Link to the e-Link ICP mode using the HOPE3000 for e-Link software.

3.2 Hardware Description

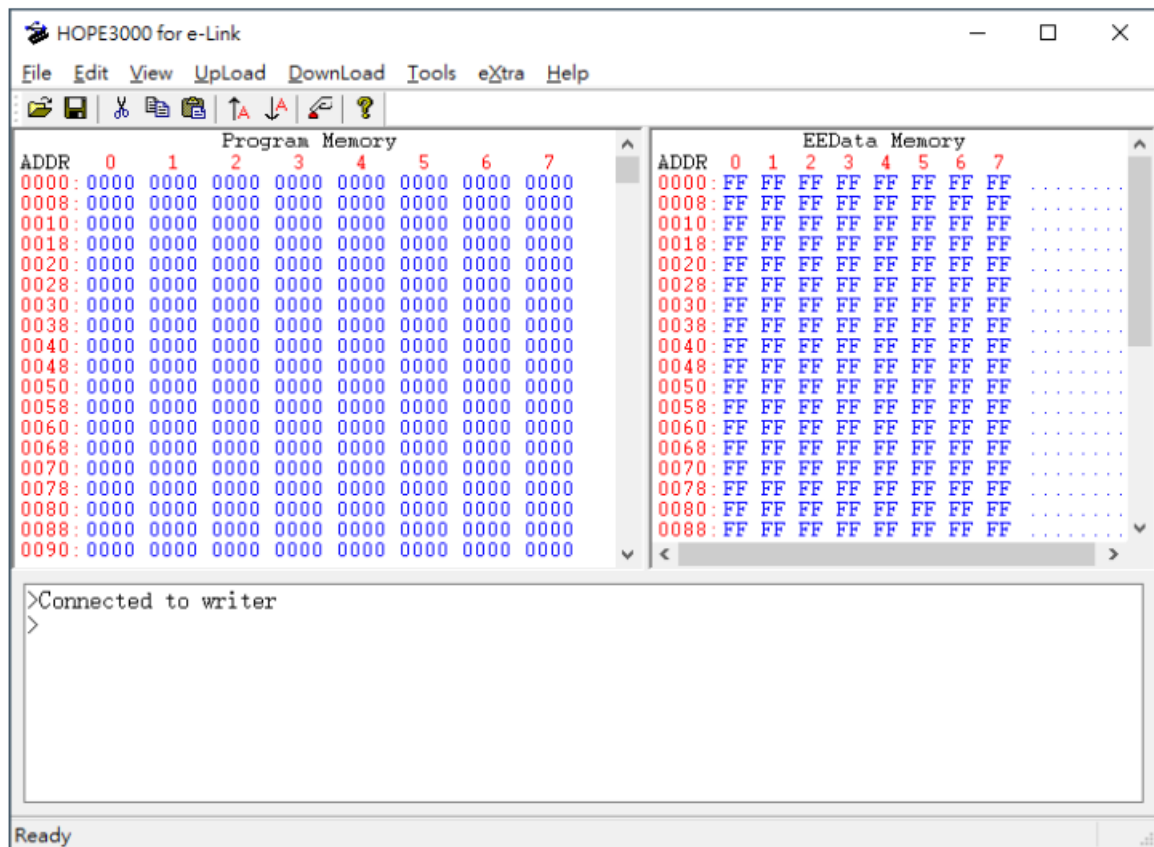
- e-Link ICP Pin Assignment



- Hardware Connection Schematic Diagram



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

Documents / Resources

 <p>The thumbnail shows the cover of the 'HOLTEK BC66F2332 Easy DEV User's Guide'. It features the Holtek logo at the top, the title 'BC66F2332 Easy DEV User's Guide' in the center, and 'Version 1.00' and 'Date: 2016/07/20' at the bottom.</p>	<p>HOLTEK BC66F2332 Easy DEV [pdf] User Guide BC66F2332, Easy DEV, BC66F2332 Easy DEV, DEV</p>
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