

WT51F104 Starter Kit Quick Start Guide

1. Kit Contents



2. Getting Started

The WT51F104 Starter Kit can be used as a development platform for general-purpose MCU applications.

The WLINK-SWUT adapter is required to program and debug software running on the WT51F104.

This Quick Start Guide will explain how to use the WT51F104 EVB and WLINK-SWUT adapter with WLINK- SWUT ICE / ISP and the next steps for your own software development.

3. Installing the Driver

Before plugging WLINK-SWUT adapter into the PC, please install WLINK-SWUT's driver. When installing the driver, you will also automatically install USB driver required for proper communication between the WLINK-SWUT adapter and the WLINK-SWUT ISP/ICE program.

• The WLINK-SWUT adapter driver can be downloaded frorm WWW.weltrend.com.tw/



4. Inserting the WLINK-SWUT Adapter

When inserting the WLINK-SWUT adapter into a USB slot, Windows will automatically install and wait for the driver installation to complete. After installation, the WLINK-SWUT is ready for use.



The WLINK-SWUT Adapter Install manual can be downloaded from <u>WWW.weltrend.com.tw/</u>

5. WLINK-SWUT ISP (In System Programmer)

Weltrend has a simple tool which can be used to program the flash on the WT51F104.

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The Flash Programmer application, available on the web, can be used to program Intel HEX files, read the contents of flash and several other operations.

- The SWUT_ISP program can be downloaded from <u>WWW.weltrend.com.tw/</u>
- The SWUT_ISP Operation Manual can be downloaded from <u>WWW.weltrend.com.tw/</u>



6. Keil uVision IDE (WLINK-SWUT ICE)

To develop software and debug the WT51F104, you should use KEIL uVision IDE for 8051 and the AGDI third-party interface for WLINK-SWUT ICE (In Circuit Emulator).

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AGDI is an Application Program Interface (API) third-party developers can use to create hardware debugger drivers that interface directly with the Keil µVision Debugger. The purpose of AGDI is to provide a way to interface the Keil Debugger user-interface to a third-party's hardware debugging interface.

A free, code size limited version can be downloaded from the web. See http://www.keil.com/uvision/____

• The WLINK-SWUT ICE Install manual can be downloaded from WWW.weltrend.com.tw/