
STM32L-DISCOVERY and 32L152CDISCOVERY
firmware package

Introduction**About this release note**

This release note describes the STM32L-DISCOVERY and the 32L152CDISCOVERY firmware package (STSW-STM32072) update history.

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1 V1.0.3

This version dates from 30 of April 2013.

1.1 Main changes

- Added project settings for 32L152CDISCOVERY board.
- Update for the latest version of STMTouch driver and Standard Peripheral Library.
- Package renamed to "STM32L1 Discovery firmware package".
- STM32 Touch sensing driver renamed to STMTouch driver.

1.2 Package contents

The STM32L-DISCOVERY firmware package contains the following:

- AN3413 STM32L1x STM32L1x current consumption measurement and touch sensing demonstration V1.0.3
- AN3964 How to design a simple temperature measurement application on STM32L1x V1.0.3
- STM32L1xx Standard peripherals library drivers (StdPeriph_Driver) V1.1.1
- STMTouch driver V1.3.2

1.3 Development tool chains

The following tool chains are associated with the STM32L-DISCOVERY firmware package:

- IAR EWARM V6.21
- Keil™ MDK-ARM V4.21
- Atollic TrueSTUDIO®/STM32 V2.1.0
- TASKING VX-toolset for ARM v4.4

2 V1.0.2

This version dates from 14 September 2011.

2.1 Main changes

- The STM32L-DISCOVERY kit demonstration software source code is renamed to STM32L-DISCOVERY firmware package.
- The firmware associated with AN3964 has been added.

2.2 Package contents

The STM32L-DISCOVERY firmware package contains the following:

- AN3413 STM32L-DISCOVERY Current consumption and touch sensing demo V1.0.2
- AN3964 STM32L-DISCOVERY Temperature sensor example V1.0.0
- STM32L1xx Standard peripherals library drivers (StdPeriph_Driver) V1.0.0
- STM32 Touch sensing driver V0.1.3

2.3 Development tool chains

The following tool chains are associated with the STM32L-DISCOVERY firmware package:

- IAR EWARM V6.21
- Keil™ MDK-ARM V4.21
- Atollic TrueSTUDIO®/STM32 V2.1.0

2.4 ST-LINK support

- After installing IAR EWARM V6.21, install the ST-LINK/V2 driver by running the ST-Link_V2_USB.exe from *[IAR_INSTALL_DIRECTORY]\Embedded Workbench 6.0_2\arm\drivers\ST-Link\ST-Link_V2_USBdriver.exe*.
- The ST-LINK/V2 driver is installed automatically after installing Keil™ MDK-ARM V4.21.
- The ST-LINK/V2 driver is installed automatically after installing Atollic TrueSTUDIO®/STM32 V2.1.0.

3 V1.0.0

This version dates from 5 July 2011.

3.1 Main changes

This is the initial release of the STM32L-DISCOVERY kit demonstration software source code.

3.2 Package contents

The STM32L-DISCOVERY kit demonstration software source code contains the following:

- Firmware associated with AN3413 STM32L-DISCOVERY demo V1.0.0
- STM32L1xx Standard peripherals library drivers (StdPeriph_Driver) V1.0.0
- STM32 Touch sensing driver V0.1.1

3.3 Development tool chains

The IAR EWARM V6.20 tool chain is associated with the STM32L-DISCOVERY kit demonstration software source code.

4 License

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5 Revision history

Table 1. Document revision history

Date	Revision	Changes
16-Dec-2011	1	Initial release.
17-Jun-2013	2	Added information related to 32L152CDISCOVERY fn firmware package release 1.0.3.

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