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**DfuSe USB device firmware upgrade extension**

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Data brief

**Features**

- DfuSE USB programming
- Command-line version
- All binaries and sources provided

**Description**

The STSW-STM32080 package contains all binaries and source code for DfuSe USB device firmware upgrade (DFU) software, including the demonstration, debugging GUIs, and protocol layers.

It includes the DFU driver compatible with the latest Microsoft® OS.

The DfuSe utility can be used to interact with the STM32 system memory bootloader or any in-application programming (IAP) firmware, running from the user Flash, thus allowing internal memories programming through USB.

All source files for Microsoft® Visual Studio 2012 are provided as well, to allow the customization of the default GUI interface.

## Ordering information

STSW-STM32080 is available for free download from the [www.st.com](http://www.st.com) website.

## Revision history

**Table 1. Document revision history**

<b>Date</b>	<b>Revision</b>	<b>Changes</b>
25-Nov-2015	1	Initial version.
20-Apr-2018	2	Added <a href="#">Ordering information</a> .

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