
**STM32Cube in-application programming using the USART
embedded software**

Data brief**Features**

- Flash erase
- Flash programming
- UART communication using Ymodem protocol
- Flash write protection configuration
- Separating application from loader

Description

An important requirement for most Flash-memory-based systems is the ability to update firmware when installed in the end product. This ability is referred to as in-application programming (IAP).

The X-CUBE-IAP-USART firmware package contains the source code of IAP examples based on the STM32Cube

For more details refer to application note AN4657.

Ordering information

X-CUBE-IAP-USART is available for free download from STMicroelectronics.

Revision history

Table 1. Document revision history

Date	Revision	Changes
05-May-2015	1	Initial release.

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