
Maximizing power efficiency using STM32F411 Batch Acquisition Mode

Data brief

Features

- Batch Acquisition Mode (BAM).
- Sleep, Stop, Stand-By.
- Executing code from RAM.
- Low power application case.
- Current consumption measurement.

Description

By making efficient choices we can save power consumption in embedded applications. The STM32F411 brings the advantages of Batch Acquisition Mode (BAM) and its new Flash-STOP mode to applications like sensor hubs, industrial controls and wearable technology.

The STSW-STM32154 describes how to build a low power application based on STM32F411xx microcontrollers, STM32 Nucleo hardware platform and STM32Cube embedded software.

Ordering information

STSW-STM32154 is available for free download from STMicroelectronics.

Revision history

Table 1. Document revision history

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

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