Using STM32F4 MCU power modes with best dynamic efficiency

**Data brief**

**Features**
- Run and 4 low-power modes.
- Power-saving methods and features
- Current consumption measurements
- Low power application case

**Description**

The STSW-STM32142 firmware is used to configure the STM32F4 power modes and manage the corresponding current consumptions.

Moreover, the STSW-STM32142 firmware can be used to improve the power efficiency of STM32F4 microcontrollers in embedded applications for competitive markets.
1 Ordering Information

STSW-STM32142 is available for free download from STMicroelectronics.

2 Revision history

Table 1. Document revision history

<table>
<thead>
<tr>
<th>Date</th>
<th>Revision</th>
<th>Changes</th>
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<tbody>
<tr>
<td>10-Apr-2014</td>
<td>1</td>
<td>Initial release.</td>
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