arm KEIL

Introduction

The V2M-Musca-S1 board has mounted a 512 Mb QSPI NOR Flash memory from Micron. To successfully program the Flash from µVision, you need to do some distinct steps.

Steps to download an application

1. Set the on-board **BOOT** switch to **MRAM**.
2. Boot the device by pressing **PBON**.
3. In µVision, flash download (use ⬇ or press **F8**) the image to the target.
4. Turn off the device by pressing **PBON** again.
5. Set the on-board **BOOT** switch to **QSPI**.
6. Boot the device by pressing **PBON**.
7. The correct application is in the device and runs from the QSPI Flash.
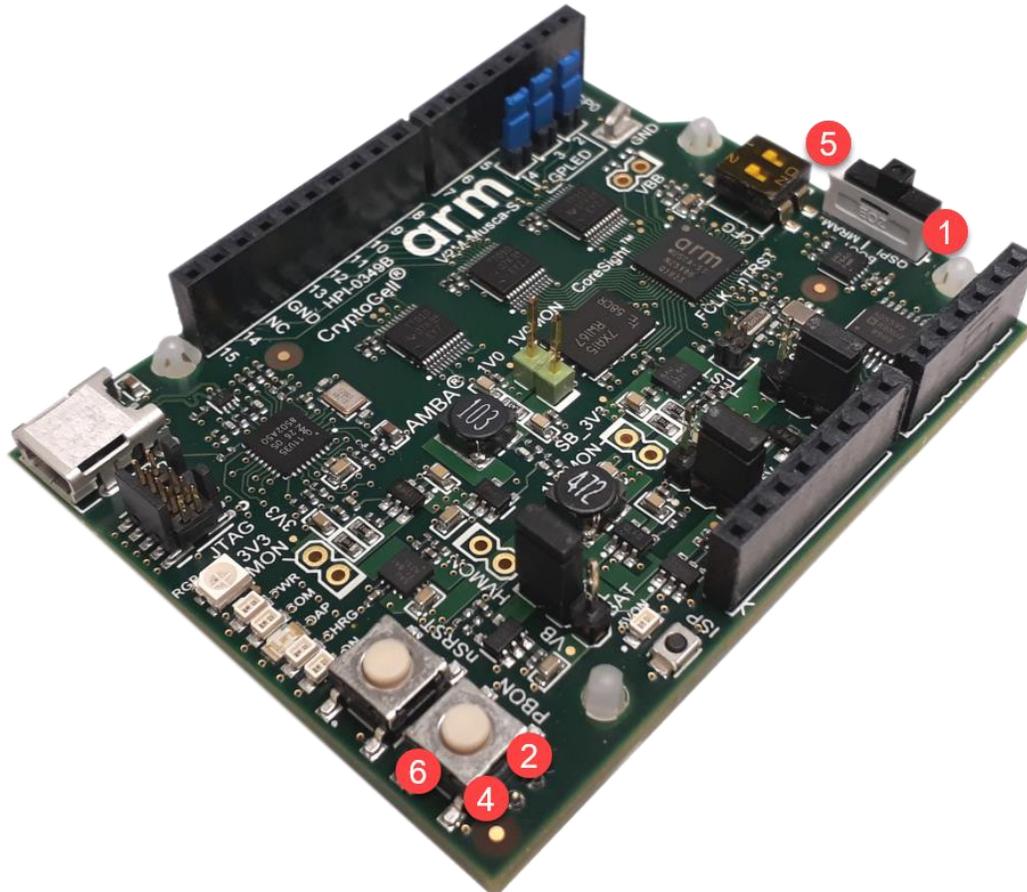
Note: Develop and debug your application code for SRAM/eMRAM and retarget for production to QSPI (if required). When debugging, resetting the device after booting from QSPI may experience connectivity problems in the µVision debugger.