

Thank you for your interest in the Avalanche P-SRAM™ Serial QSPI evaluation kit. This evaluation kit features Avalanche P-SRAM evaluation board which contains a P-SRAM Serial QSPI device, enabling users to develop interactive hardware solutions using Avalanche SPI P-SRAM evaluation board and a STMicro Nucleo host board connected via standard SPI interface. The STMicro Nucleo H743ZI2 host board communicates with a computer using USB 2.0 cable type A/B and terminal emulator software. Avalanche software application provides basic access to functionality of the Avalanche P-SRAM device.

Kit Contents

The P-SRAM™ Serial QSPI Evaluation Kit includes:

- One Nucleo H743ZI2 board
- Avalanche daughterboard populated with an Avalanche P-SRAM Serial QSPI memory device
- One USB 2.0 cable type A/B
- Quick Starter Guide

Hardware Requirements

- A PC system with one available USB 2.0/3.0 port
- Windows 7/8/10 with 32/64-bit Operation System

Technical Documents

1. Downloading Avalanche P-SRAM Gen 2 datasheet from:
(<http://www.avalanche-technology.com/products/discrete-mram/P-SRAM-gen-2/>)
2. Downloading Avalanche P-SRAM Serial QSPI Evaluation Board User Guide for Nucleo from:
(<http://www.avalanche-technology.com/>)

Follow the instructions given in the Avalanche P-SRAM Serial QSPI Evaluation Board User Guide for Nucleo on how to connect the evaluation board to the PC.