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## Overview

The SQI SuperFlash Kit 1 contains three Serial Flash Daughter Boards. The Serial Flash Daughter Board is an evaluation board designed to interface with the mikroBUS™ connector on the Explorer 16/32 Development Board (DM240001-2). It can also interface with the PICTail™ Plus connector that is located on the Explorer 16 Development Board (DM240001).

## Inside the Box

The box contains 3 Serial Flash Daughter Boards. Each board has a SQI Flash device soldered on it. Table 1 lists the board numbers with corresponding Flash devices, and the appropriate J3 jumper settings.

**TABLE 1: J3 JUMPER SETTINGS**

Board Number	SPI Flash Device	J3 Jumper Setting
02-10609-4	SST26VF064B	Pin 2 and Pin 3
02-10609-5	SST26VF032B	Pin 2 and Pin 3
02-10609-6	SST26WF016B	Pin 1 and Pin 2

## Key Features of the Board

- 3-pin header provides easy access for the external power supply and power measurement capability
- Plugs into the mikroBUS connector of the Explorer 16/32 Development Board
- Plugs into the PICTail Plus connector of the Explorer 16 Development Board
- Follows published recommended usage, including decoupling capacitors

## Getting Started

The Serial Flash Daughter Board allows you to get started right out of the box. By using the daughter board and the Explorer 16/32 Development Board, code can be developed quickly on known good hardware.

Example code is available for download from the resources area:

[www.microchip.com/superflash](http://www.microchip.com/superflash)

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# Serial Flash Daughter Board Schematic

