

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

Americas

Atlanta, GA - 678-957-9614
Austin, TX - 512-257-3370
Boston, MA - 774-760-0087
Chicago, IL - 630-285-0071
Dallas, TX - 972-818-7423
Detroit, MI - 248-848-4000
Houston, TX - 281-894-5983
Indianapolis, IN - 317-773-8323
Los Angeles, CA - 949-462-9523
Raleigh, NC - 919-844-7510
New York, NY - 631-435-6000
Phoenix - 480-792-7200
San Jose, CA - 408-735-9110
Canada - Toronto - 905-695-1980

Europe

Austria - Wels - 43-7242-2244-39
Denmark - Copenhagen - 45-4450-2828
Finland - Espoo - 358-9-4520-820
France - Paris - 33-1-69-53-63-20
France - Saint Cloud - 33-1-30-60-70-00
Germany - Garching - 49-8931-9700
Germany - Haan - 49-2129-3766400
Germany - Heilbronn - 49-7131-67-3636
Germany - Karlsruhe - 49-721-625370
Germany - Munich - 49-89-627-144-0
Italy - Milan - 39-0331-742611
Italy - Padova - 39-049-7625286
Netherlands - Druenen - 31-416-690399
Norway - Trondheim - 47-7289-7561
Poland - Warsaw - 48-22-3325737
Spain - Madrid - 34-91-708-08-90
Sweden - Gothenberg - 46-31-704-60-40
Sweden - Stockholm - 46-8-5090-4654
UK - Wokingham - 44-118-921-5800

Asia/Pacific

Hong Kong - 852-2943-5100
Australia - Sydney - 61-2-9868-6733
China - Beijing - 86-10-8569-7000
China - Chengdu - 86-28-8665-5511
China - Chongqing - 86-23-8980-9588
China - Dongguan - 86-769-8702-9880
China - Guangzhou - 86-20-8755-8029
China - Hangzhou - 86-571-8792-8115
China - Hong Kong SAR - 852-2943-5100
China - Nanjing - 86-25-8473-2460
China - Qingdao - 86-532-8502-7355
China - Shanghai - 86-21-3326-8000
China - Shenyang - 86-24-2334-2829
China - Shenzhen - 86-755-8864-2200
China - Wuhan - 86-27-5980-5300
China - Xiamen - 86-592-2388138
China - Xian - 86-29-8833-7252
China - Zhuhai - 86-756-3210040
India - Bangalore - 91-80-3090-4444
India - New Delhi - 91-11-4160-8631
India - Pune - 91-20-3019-1500
Japan - Osaka - 81-6-6152-7160
Japan - Tokyo - 81-3-6880-3770
Korea - Daegu - 82-53-744-4301
Korea - Seoul - 82-2-554-7200
Malaysia - Kuala Lumpur - 60-3-6201-9857
Malaysia - Penang - 60-4-227-8870
Philippines - Manila - 63-2-634-9065
Singapore - 65-6334-8870
Taiwan - Hsin Chu - 886-3-5778-366
Taiwan - Kaohsiung - 886-7-213-7830
Taiwan - Taipei - 886-2-2508-8600
Thailand - Bangkok - 66-2-694-1350

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Serial Flash Daughter Board Schematic

