

GENERAL DESCRIPTION

>> F2M03G-KIT is a new evaluation kit for Free2move's general-purpose Bluetooth modules. The evaluation board has extensive I/O functionality for both data and audio streams. The evaluation board is primarily made to evaluate the Wireless UART firmware but is also intended to be used for other firmwares and custom made applications. The evaluation board gives the possibility to upgrade the Bluetooth module with new firmware using Free2move's Flash utility.

>> The F2M03G-KIT has both RS232 and USB-interface for data communication. The USB-interface can either act as a direct connection to the module through HCI or it can be used as a virtual com port for computers without a physical com port. All digital and analog I/O:s can be accessed from pin headers on the evaluation board for external communication.

>> The evaluation board is equipped with an audio codec and amplifier for direct microphone and speaker drive. External audio streams can be connected using the PCM interface.

>> The F2M03G-KIT is delivered with all necessary cables and a CD with manuals and software. The evaluation kit can both be delivered as a single or a double kit. The kit does NOT include any Bluetooth OEM-board. They are ordered separately!

KEY FEATURES

- >> 10 GPIO:s with push buttons and led indication
- >> Analog audio interface (mono)
(speaker and microphone, 3.5mm socket)
- >> Power supply through USB-connector or external adaptor
- >> USB-interface (virtual com port or direct HCI access)
- >> RS232-interface
- >> Programming interface for Free2move's flash utility (parallel port)
- >> Pin headers for all digital and analog I/O:s



F2M03G-KIT-1 CONTAINS

- >> F2M02BG 1 (Evaluation board)
- >> USB-cable
- >> Serial cable
- >> Parallel cable
- >> CD (Manuals and software)

ORDER INFORMATION

- >> Evaluation kit:
 - > F2M03G-KIT-1
- >> Bluetooth OEM-board:
 - > F2M02GLA-S01 (OEM-board with a F2M03GLA module and Wireless UART firmware)
 - > F2M02GX-S01 (OEM-board with a F2M03GX module and Wireless UART firmware)
 - > F2M02GXA-S01 (OEM-board with a F2M03GXA module and Wireless UART firmware)

