

GSM/GPRS Solutions

M2M

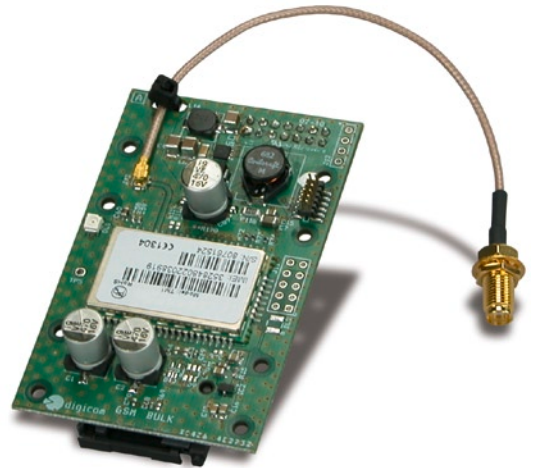
2G BULK FAMILY

- **Reduce** the development and integration times
- **GSM / GPRS / SMS** support
- Easy and quick installation
- **Technology and reliable solutions**
- AT command set (GSM 07.05-07.07)
- **Proprietary AT commands**
- **Wide range of models and solutions**

The easiest GSM/GPRS solutions to be integrated in your systems!

The growing demand for automatic devices has finally seen the **development of the Wireless market** for the most different applications.

Always careful to the market needs, Digicom projected and developed the **new GSM Bulk family**.



2G Bulk is a **Quad-Band GSM /GPRS modem** (850/900-1800/1900 MHz) designed to be integrated into **professional equipments** and to be used for **Data (CSD & GPRS) and SMS applications**.

2G Bulk Family products have a **serial interface** (TTL Level) with a 2x9 pin male connector and can be easily integrated in your applications.

The main aim of 2G Bulk Family is the one to **offer a GSM platform easy to use and integrate**. It is supplied with a 5Vdc power supply circuit, with the SIM card holder (plug-in type) and with the professional antenna (SMA connector).

GPRS Ready: Ready for “NOW”

2G Bulk solutions are **“IP Ready” with GPRS full support** in applications where the “Always on” function is required. In this way you can be always competitive offering the best solutions of the moment to your customers.

Even more performing

2G Bulk Family is complete in all its functionalities: **Data, Voice and SMS** (both in Text and PDU mode).

Finally an embedded application!

Thanks to the technology used in 2G Bulk Family, it is possible to build **custom applications to satisfy any customer's need**.



2G BULK Family 01/03/2012

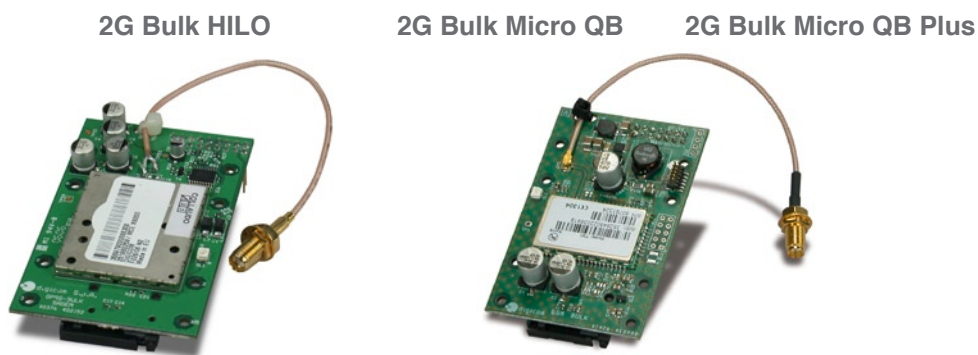
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The powerful Microprocessor used in 2G Bulk Family allows to manage the commands and functions independently from your device, taking care of the “communication” part only.

You can really **go on using the software applications you normally use without worrying about any incompatibility** with AT commands as eventual AT commands not foreseen in the software can be managed directly by the microprocessor as additional strings. The AT commands not recognized by the GSM module will be correctly executed by the micro without any ERROR message.

The **new Micro Plus version** is a top performance device able to support a complete list of value added devices as options:

- GPS Receiver module on board (uBlox)
- 868MHz bidirectional for manage different remote devices (as remote GPS Antenna)
- Accelerometer 3D
- Full IP Stack on micro processor



Technical Features

Gprs Class 10	YES	YES	YES
Frequency (MHz)	850/900/1800/1900	850/900/1800/1900	850/900/1800/1900
Plug-in SIM (1.8-3V)	YES	YES	YES
Internal Micro Processor (ARM)		YES	YES
Antenna connector SMA	YES	YES	YES
Stack TCP/IP on Engine	YES	YES	YES
Stack TCP/IP on Micro processor		Optional	Optional
Serial Data port	YES	YES	YES
Serial TTL Level	YES	YES	YES
Serial Interface on strip (2.54)	YES	YES	YES
GSM Antenna with SMA connector	Optional	Optional	Optional
GPS Module on Board			YES (option)
868MHz Radio bidirectional on Board			YES (option)
Accelerometer on Board			YES (option)
Operating Temperature	from 0°C to 55°C	from 0°C to 55°C	from 0°C to 55°C



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