

A SAGEM GSM module ready to go Embedded technology with integrated SIM-card holder

Developed by MISOLIMA

GSM device with battery charger and charge circuit

JANUARY
NEW
2012

MISOLIMA eGSM Q4-1800 is a quad-band GSM module to connect with M2M applications, AVL, GSM alarms or remote data management etc.

MISOLIMA eGSM Q4-1800 GSM is a complete GSM module used in GSM alarm systems, tracking devices or other GSM systems that are requiring GSM communication to i.e. web server, embedded systems or PC applications.



In-Vehicle GSM System

SAGEM MISOLIMA
GSM-SMS-GPRS Embedded

eGSM Module System

READY TO GO WITH ANY NEW GSM SYSTEM

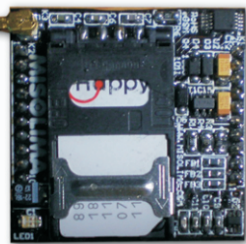
A GSM Module with embedded electronics

MISOLIMA eGSM Q4-1800 is a communication module that connects to any new GSM project and was designed for system integrators and are based on SAGEM HiLo NC quad-band GSM module. It has GPRS for M2M applications. All components are based on SMT

This GSM module has top of the range all-in-one embedded features where only power, antenna and communication via RS-232 or USB* is needed to have this module operational. The module will operate as a stand-alone GSM, be part of a GSM-based alarm system, Automatic Vehicle Location (AVL) device or even used in M2M applications.

SIM-card holder is provided on the main PCB unit. Power is provided by a 3.7V battery (normally 650mA) whereas the battery charge is drawn from a main 5V power source or USB port from i.e. a notebook PC. The new eGSM Q4-1800 module provides all what's needed to function as a M2M device with mode functions to select between SMS and GPRS as communication channels. All function parameters may be set via RS-232/USB software. DLL for Windows® applications are available from MISOLIMA as option for software developers.

* RS-232 to USB is available via MISOLIMA eCharlie U2R-RJ. Only RS-232 to USB converter with SMD connector as well as GSM antennas and coax cables are available from our website <http://www.misolima.com>



Stunning features not found by other embedded GSM system devices

In today's market place for embedded GSM systems, there is several GSM systems to be found, but very few offer functions that directly can be programmed to fit needs in software functions. If people looking for a GSM system for in-vehicle applications, experimental aircraft or marine boats, eGSM Q4-1800 might be just what they are looking for. eGSM are so flexible that time never stays still. With its functions, it will give joy to developers and users for many years to come.

eGSM Q4-1800 FEATURES

- Quad-band GSM 850/900/1800/1900 MHz
- Integrated Li-Ion charge circuit (3.3V battery)
- USB* or RS-232 TTL communication
- GSM mode selectable
- Small size Form Factor 33x33mm
- Board to Board connector 2x 2mm 10 pin 1 row
- Standard GSM talk functions available
- Firmware upgradeable
- Rechargeable Li-Ion battery
- UFL Coaxial antenna connector 50 Ohm
- Internal SIM holder
- Easy and secure mounting
- Microphone and earplug available on pin
- Operating temperature -40°C to + 85°C
- Input power 5Vdc
- Fully approved R&TTE, GCF, PTCRB, FCC, EC
- RoHS compliant
- Output power Class 4 (2W), Class 1 (1W)
- GPRS Class 10 DL max 85,6 / UL max 42,8 Kbps

For further information and data sheet, please contact;

FC CE RoHS SAGEM GSM
eGSM Q4-1800 module

FIKO MISOLIMA
SOFTWARE Embedded Technologies

www.misolima.com - email: contacts@misolima.com - Skype: misolima