

M660A

Quad-band GSM/GPRS Module



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M660A is a GSM/GPRS module that supports EDGE-Rx. With the ability to support voice, SMS, and data services, it is widely used in industrial and consumer devices.

Specifications

- Quad-band: 850/900/1800/1900 MHz
- GPRS multi-slot Class 12
- Compliant to GSM phase 2/2+ Class 4 (2W)@850/900 MHz Class 1 (1W)@1800/1900 MHz
- RX sensitivity: -107 dBm
- 3GPP Release99 compliant
- Control via AT commands: GSM 07.07, 07.05 and Neoway enhanced AT commands
- 27.007, 27.005 and ITU-T V.25 ter
- Integrated TCP client & server, UDP, FTP, DNS, HTTP, SMTP, POP3
- CMUX 3GPP TS 27.010
- Supply voltage: 3.5 V to 4.3 V (DC), 3.9 V recommended
- Idle current: less than 2 mA
- Package: LCC, 68-pin
- Dimensions: 24 mm x 24 mm x 3 mm
- Operating temperature: -40°C to +85°C

General Features

- GPRS: Max. 85.6 Kbit/s (UL)
EDGE: Max. 236.8 Kbit/s (DL)
- Coding scheme CS1~CS4
- Mobile Station Class B
- CSD/USSD
- SMS: TEXT/PDU
Point to Point/Cell Broadcast
- Voice: FR, HR, EFR, and AMR

Interfaces

- Power, On/Off, Reset, Audio, ADC
- Main UART with TXD, RXD, DTR, and RING
- SIM card interface: 1.8 V, 3 V

Highlights

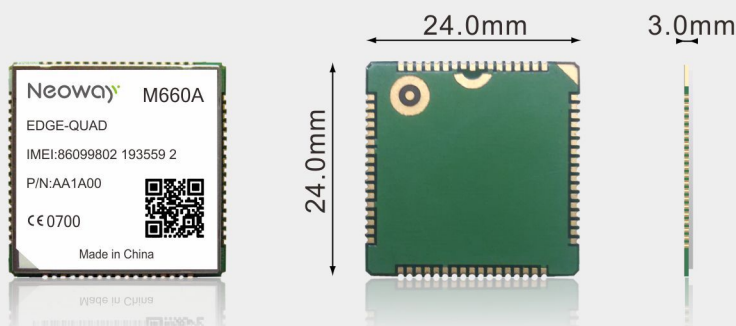
- RIL driver for Android
- Firmware update via serial interfaces

Certifications

- CE
- RoHS

Enhanced Features

- eCall
- Jamming Detection



- Compact size, low power consumption, high-performance
- Total shipment for AVL market is more than 2 million.

