

# High quality gps gsm module Q2686



**FOB Price:** US \$ 23 - 40 / Piece | [Get Latest Price](#)

**Min.Order Quantity:** 5 Piece/Pieces

**Supply Ability:** 60000 Piece/Pieces per Day day

**Port:** shenzhen/hk

**Payment Terms:** L/C,D/A,D/P,T/T,Western Union,MoneyGram,paypal

## Quick Details

- Place of Origin: Guangdong, China (Mainland)
- Brand Name: hkshanghai
- Model Number: Q2686
- quad-band GSM/GPRS: evolved to EDGE, 3G and 3.5G
- 800, 900, 1800 and 1900MHz: 40 x 32.2 x 4mm
- RS232: ADC

## Packaging & Delivery

**Packaging Details:** box

**Delivery Detail:** 2days

## Specifications

gps gsm module Q2686

- 1.Quad-band GSM/GPRS
- 2.Compact size
- 3.Automotive-grade
- 4.low cost

## High quality gps gsm module Q2686

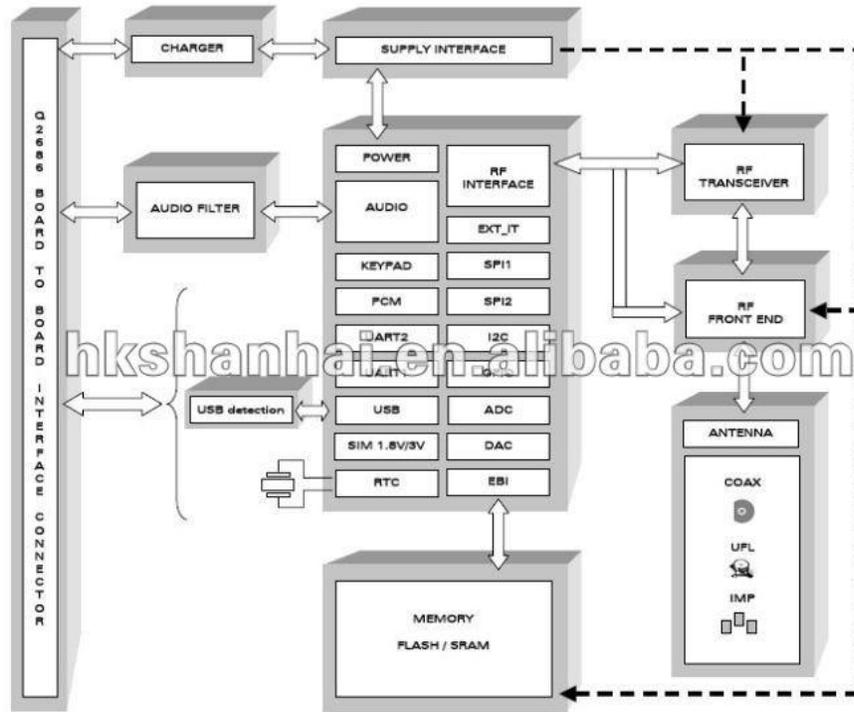


Figure 1: Functional architecture

The AirPrime Q2686 embedded wireless module is a feature-rich, programmable quad-band GSM/GPRS module. Thanks to footprint compatibility with the rest of the Q Series, it can easily be evolved to EDGE, 3G and 3.5G when required. Equipped with on-board audio recording facilities and up to 44 GPIOs, the Q2686 is well suited to alarm and voice-response systems or to applications requiring a high number of connections.

### Key features:

- Quad-band GSM/GPRS communications on the 800, 900, 1800 and 1900MHz bands
- Programmable ARM9 32-bit processor at 104MHz
- Advanced audio features
- Up to 44 GPIOs
- Compact size, just 40 x 32.2 x 4mm
- Automotive-grade
- Footprint compatibility with entire Q Series of intelligent embedded modules

Interface Connector Power Supply RF Connector Audio RF Sensitivity Location  
 Solution Dimensions Temperature Memory Operating System OPEN-AT Options OPEN-AT  
 IDE Debug Tools ROHS Compliance carrier-approvals EMC Approvals

GSM / GPRS class 10  
900 / 1800 MHz & 850 / 1900 MHz  
ARM7 32-bit 52MHz w/ cache memory  
(1) RTOS interrupt  
(6/4/1) GPIO / GPO / GPI  
(4) Analog Audio  
(1) ADC  
(1) SPI  
(1) I2C  
(2) RS232  
(1) Led Driver  
(1) Buzzer Driver (PWM)  
5x5 - Keyboard  
1.8V / 3.3 V SIM / RUIM  
60-pin board-to-board connector  
3.6 VDC (nom)  
5uA/3mA/1.8A (min/idle/max)  
U.FL / IMP / Solder Pad  
Codecs: FR/EFR/AMR, Quality: VDA2C (with AEC/NR)  
'-110 dBm @ 900 MHz  
external NEMA supported  
58 x 32 x 3.9mm  
Class A: -20°C to +55°C  
Flash: 1.5MB / RAM 128kB  
Open AT / 13 MIPS /  
TCP/IP  
Internet + Email (POP3/SMTP) + File Transfer (FTP)  
Open SIM Access  
Bluetooth  
IBM MQ-TT  
Orange SIM Access

Remote Task Env  
Step-by-step execution  
Break Points  
Traces  
Application Examples  
Compliant with RoHS Directive (2002/95/EC)  
See

Entire GSM products are approved to R&TTE, GCF-CC (900/1800 MHz), PTCRB (850/1900MHz), FCC (USA) - CE (EMC & Safety)

