

QUECTEL
Wireless makes smarter

M62

Dual-Band GSM/GPRS Module



Dual Band



GPRS Multi-slot Class 12



SMD Type



Embedded TCP/IP
Protocols



RoHS Compliant



Serial Port
Multiplexer (GSM0710)



Quectel Enhanced AT
Commands

The M62 is a dual-band GSM/GPRS wireless module in SMD type which can be embedded in customer applications, offering good reliability and robustness.

Featuring an industry-standard interface, the M62 delivers GSM/GPRS 900/1800MHz performance for voice, SMS, Data, and Fax applications with extremely low power consumption. With a size of **33mm x 33mm x 3.6mm**, the M62 can fit into all applications, including voice, VTS, AMR, Wireless POS, security, etc.

- Dual-band GSM/GPRS module
- SMD type suits for customer application
- Cost/Performance optimized solution
- Embedded TCP/IP protocol
- Based on mature and field-proven platform

M62

Dual-Band GSM/GPRS Module

General Features

Dual-Band	900/1800MHz
GPRS Multi-slot Class	12/10/8
GPRS Mobile Station	class B
Compliant to GSM Phase 2/2+	Class 4 (2W @ 900 MHz)
	Class 1 (1W @1800MHz)
Supply Voltage Range	3.4~4.5 V 4.0V nominal
Low Power Consumption	1.1mA @ DRX=5 0.7mA @ DRX=9
Operation Temperature	-30 °C to + 70 °C
Dimensions	33mm × 33mm × 3.6mm
Weight	TBD
Control via AT commands (GSM 07.07 ,07.05 and other enhanced AT Commands)	
SIM Application Toolkit	

Specifications for Fax

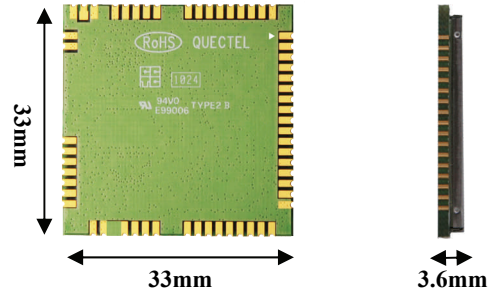
Group 3, Class 1& 2

Specifications for Data

GPRS Class 12	max. 85.6 kbps (uplink & downlink)
PBCCH Support	
Coding Schemes	CS 1, 2, 3, 4
CSD	up to 14.4 kbps
USSD	
Non Transparent Mode	
Protocols	PPP TCP/IP

Specifications for SMS via GSM / GPRS

Point-to-point MO and MT	
SMS Cell Broadcast	
Text and PDU Mode	



Specifications for Voice

Speech Codec Modes	Half rate (HR) Full rate (FR) Enhanced Full rate (EFR) AMR half rate AMR full rate
Echo Arithmetic	Echo cancellation Echo suppression Noise Reduction
Hands-free Operation	

Interfaces

External SIM	3V/ 1.8V
Analog Audio Interfaces	Two channels
RTC Backup	
PCM Interface	(Optional)
Serial Port and Debug Port	
Antenna Pad	
GPIO	

Drivers

MUX Driver

Compatibility

AT Cellular Command Interface

Contact Us

Address	Room 501, Building 9, No.99 Tianzhou Road, Shanghai, China
Email	info@quectel.com
Tel	+86 21 51082965

