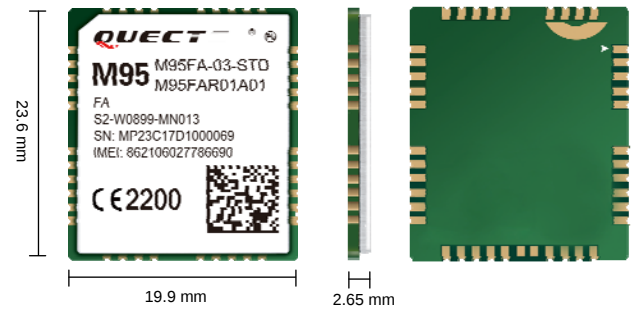


Quectel M95

Quad-band

GSM/GPRS Module



General Features

Quad-band	850/900/1800/1900MHz
GPRS Multi-slot Class	12, 1~12 configurable
GPRS Mobile Station	Class B
Compliant to GSM Phase 2/2+	Class 4 (2W @ 850/ 900MHz) Class 1 (1W @ 1800/1900MHz)
Supply Voltage Range	3.3~4.6V 4.0V nominal
Low Power Consumption	1.3mA @ DRX=5 1.2mA @ DRX=9
Operation Temperature	-40 °C to +85 °C
Dimensions	19.9 × 23.6 × 2.65mm
Weight	Approx. 3.0g
Control via AT commands	GSM 07.07, 07.05 and other enhanced AT Commands

Specifications for Voice

Speech Codec Modes	Half Rate (HR) Full Rate (FR) Enhanced Full Rate (EFR) Adaptive Multi-Rate (AMR)
Echo Arithmetic	Echo Cancellation Echo Suppression Noise Reduction

Interfaces

SIM/ USIM	Dual SIM 3V/ 1.8V
UART	2 Interfaces
Analog Audio Channel	2 Embedded Class-AB amplifier in one channel
PCM	
RTC Backup	
Antenna Pad	

Specifications for Data

GPRS Class 12	Max. 85.6 kbps (uplink & downlink)
PBCCH Support	
Coding Schemes	CS 1, 2, 3, 4
USSD	
Non Transparent Mode	
Protocols	PPP/TCP/UDP/FTP/HTTP/SMTP/SSL/MUX

Certificates

CE FCC GCF PTCRB NCC ANATEL IC ICASA UCRF A-Tick
Vodafone Rogers

Specifications for SMS via GSM/GPRS

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