

DATA SHEET QUECTEL M95

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|---|
| Compact design at 19.9 x 23.6 mm |
| Extended temperature range of -40 to +85° C |

Key Benefits

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|-------------------------------------|
| Voice call support |
| LCC package (leadless chip carrier) |

Network

| | |
|---|-----------------------------------|
| 3GPP Protocol Stack Compliancy | Release 10 |
| Support for TS.34 IoT Communication Efficiency | None |
| Wireless Protocol Support | |
| 2G/GPRS | Supported |
| 3G/UMTS | None |
| 4G/LTE | None |
| NB-IoT | None |
| Frequency Band Support | |
| 2G Bands (MHz) | 850, 900, 1800, 1900 |
| 3G Bands (MHz) | None |
| 4G Bands (MHz) | None |
| NB-IoT | None |
| 3GPP Classes/Categories | |
| CSD | Non-transparent Modus* |
| GPRS Multislot Class (DL/UL) | 12 (85.6 kbps, 85.6 kbps) |
| EDGE Class (DL/UL) | None |
| HSDPA Category (DL) | None |
| HSUPA Category (UL) | None |
| LTE Category | None |
| Short Message Service (SMS) | Text, PDU |
| Speech Codecs | FR, HR, EFR, AMR |
| Firmware Updates | PPP/TCP/UDP/FTP/HTTP/SMTP/SSL/MUX |

*not tested during certification

Positioning Support

| | |
|-----------------------------|------|
| GPS | None |
| GLONASS | None |
| Control Plane A-GPS Support | None |
| SUPL A-GPS Support | None |

Regulatory

| | |
|--------------------------|-----------|
| eCall | Supported |
| Standalone/Assisted GNSS | None |
| TTY | None |

Hardware

| | |
|---|----------------------------|
| Dimensions (L x W x H, mm) | 19.9 x 23.6 x 2.65 |
| Weight (g) | Ca. 3 |
| On-board Memory | None |
| Operating Temperature - Extended Operation (°C) | -40 °C to +85 °C |
| Supply Voltage Range (V) | 3.3 - 4.0 V, 4.0 V nominal |

Interfaces

| | |
|----------------------------------|------------------------|
| USB 2.0 (480 Mbps) | None |
| ASC0 HS Serial Modem | Supported |
| GPIO Lines | Status, Netlight |
| UICC and U/SIM (1.8 V/3 V) | 1.8 V, 3 V. Dual-SIM |
| Module ON/Reset | Supported |
| ADC and I ² C | ADC for CS voice |
| 4-Wire HS Serial Interfaces ASC1 | None |
| Analog Audio | Supported for CS voice |
| Digital Audio | None |



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Certification Details

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|--|---|
| GMA Certification | None |
| Deutsche Telekom Certification Date (Initial Firmware) | 05.12.2017 (M95FAR02A08) |
| Certified Deutsche Telekom Affiliates | AL, AT, CZ, DE, GR, HR, HU, ME, MK, NL, PL, RO, SK |
| Certifying Entity | DTAG IDU-TIV |
| DT Certification Type (Conditions) | Limited certification – Two Priority-1 issues to be fixed |
| Deutsche Telekom Affiliate Country Codes | |
| AL | Telekom Albania |
| AT | T-Mobile Austria GmbH |
| CZ | T-Mobile Czech Republic a.s. |
| DE | Telekom Deutschland GmbH |
| GR | COSMOTE Mobile Telecommunications S.A. |
| HR | Hrvatski Telekom d.d. |
| HU | Magyar Telekom Telecommunications plc |
| ME | Crnogorski Telekom a.d. Podgorica |
| MK | Makedonski Telekom AD – Skopje |
| NL | T-Mobile Netherlands B.V. |
| PL | T-Mobile Polska S.A. |
| RO | Telekom Romania Mobile Communications S.A. |
| SK | Slovak Telekom, a.s. |



CONTACT

Deutsche Telekom AG
Friedrich-Ebert-Allee 140
53113 Bonn
iot-device-support@telekom.de



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