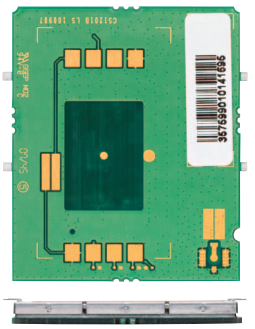
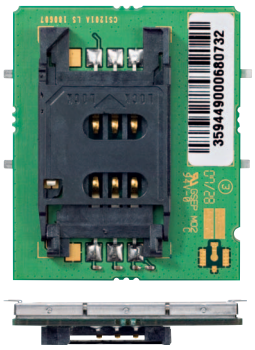
GC864-QUAD
Compact



actual size GC864-QUAD



GC864-QUAD with SIM holder

Distributed by:

Interfaces
- 80-pin Molex connector
- 22 I/O ports maximum
- Analog audio (balanced and unbalanced)
- 3 A/D plus 1 D/A converter
- Buzzer output
- ITU-T V.24 serial link through UART:
  - CMOS level
  - Baud rate from 300 to 115,200 bps
  - Autobauding from 1,200 to 115,200 bps
- 50 Ohm murata GSC antenna connector

Audio
- Telephony, emergency call
- Half rate, full rate, enhanced full rate and adaptive multi rate voice codecs (HR, FR, EFR, AMR)
- Superior echo cancellation & noise reduction
- Handset & hands-free operations
- DTMF

Approvals
- Fully type approved conforming with R&TTE
- CE, GCF, FCC, PTCRB, IC, Anatel

SMS
- Point-to-point mobile originated and mobile terminated SMS
- Concatenated SMS supported
- SMS cell broadcast
- Text and PDU mode

Circuit switched data transmission
- Asynchronous transparent circuit switched data (CSD) up to 14.4 kbps
- Asynchronous non-transparent CSD up to 9.6 kbps
- V.110

GPRS data
- GPRS class 10
- Mobile station class B
- Coding scheme 1 to 4
- PBCCH support

Fax
- Group 3, class 1

GSM supplementary
- Call forwarding
- Call barring
- Call waiting & call hold
- Advice of charge
- Calling line identification presentation (CLIP)
- Calling line identification restriction (CLIR)
- Unstructured supplementary services mobile originated data (USSD)
- Closed user group

Additional features
- SIM phonebook
- SIM Holder (only for GC864-QUAD variant with SIM holder)
- Fixed dialing number (FDN)
- Real-time clock
- Alarm management
- Battery management
- Network LED support
- IRA character SET, UCS2 and GSMDefault
- Jamming detection & report
- Embedded TCP/IP stack, including TCP, IP, UDP, SMTP and FTP protocols
- PFM (Premium FOTA Management) Over the Air Update
- MUX driver
- RIL driver

Python* application resources (GC864-PY ONLY)
- Python* script interpreter (module takes the application code directly in the Python* language)
- Memory: 1.9 MB of NV memory for the user scripts and 1 MB RAM for the Python* engine usage
- Over-the-air application SW update
- IIC Bus and SPI Bus controlled in Python*

python

Telit's EASY features
- EASY SCAN® automatic scan over GSM frequencies (also without SIM card)

Order-No.
Please contact your Telit representative for order codes and all further information

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