

DATA SHEET TELIT GE910-QUAD WIRELESS MODULE

Design once and deploy globally, thanks to xE910 unified form factor

Perfect platform for medium-to-high-volume IoT applications

Key Benefits

Superior performance processor suitable for Applications requiring high computing capacity

Supports IoT LOCATE, a Telit portal-based service providing device's position based on observed cellular Cell-IDs

Jammer rejection

Network

3GPP Protocol Stack Compliance	Release 4
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Support for TS.34 IoT Communication Efficiency	Partial (NFM)
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Wireless Protocol Support	
2G/GPRS	Supported
3G/UMTS	None
4G/LTE	None

Frequency Band Support	
2G Bands (MHz)	850, 900, 1800, 1900
3G Bands (MHz)	None
4G Bands (MHz)	None

3GPP Classes/Categories	
CSD	V.110 (9.6 kbps)
GPRS Multislot Class (DL/UL)	10 (64.2 kbps, 42.8 kbps)
EDGE Class (DL/UL)	None
HSDPA Category (DL)	None
HSUPA Category (UL)	None
LTE Category	None

Short Message Service (SMS)	Supported (Text, PDU, Cell Broadcast, Phonebook)
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Speech Codecs	FR, HR, EFR, AMR
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Firmware Updates	Premium over-the-air update service
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Positioning Support

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

Regulatory

eCall	Supported
Standalone/Assisted GNSS	None
TTY	None

Hardware

Dimensions (L x W x H, mm)	28.2 x 28.2 x 2.25
Weight (g)	3.6
On-board Memory	5 MB File system, 2 MB NV memory for User Scripts, 2 MB RAM for Python Engine
Operating Temperature - Extended Operation (°C)	-40 °C to +85 °C
Supply Voltage Range (V)	3.22 - 4.5

Interfaces

USB 2.0 (480 Mbps)	Supported
ASC0 HS Serial Modem	Supported
GPIO Lines	Supported
UICC and U/SIM (1.8 V/3 V)	1.8 V Supported; 3 V only with external connector
Module ON/Reset	Supported
ADC and I ² C	Supported
4-Wire HS Serial Interfaces ASC1	Supported
Analog Audio	None
Digital Audio	Supported



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Certification Details

GMA Certification	Yes
Deutsche Telekom Certification Date (Initial Firmware)	13.00.003 (26.04.2013)
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)	Full (Limited implementation of DT modem settings requirements)
Deutsche Telekom Certification Date (Firmware Update 1)	13.00.005 (18.10.2013)
Deutsche Telekom Certification Date (Firmware Update 2)	13.00.006 (12.09.2014)
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.



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