

DATA SHEET GOSUNCN ME3630 LCC WIRELESS MODULE

KEY BENEFITS

LCC Form Factor
LTE FDD & WCDMA & GSM
Embedded TCP/UDP
Embedded FTP/HTTP
USB Selective Suspend & Remote wakeup
GNSS on board
Extreme operating temperature range -40 °C to +85 °C

NETWORK

3GPP Protocol Stack Compliance	Release 10
Support for TS.34 IoT Communication Efficiency	None
Wireless Protocol Support	
2G/GPRS	Supported
3G/UMTS	Supported
4G/LTE	Supported
NB-IoT	None
Frequency Band Support	
2G Bands (MHz)	900, 1800
3G Bands (MHz)	900, 2100
4G Bands (MHz)	B1, B3, B7, B8, B20
NB-IoT Bands (MHz)	None
3GPP Classes / Categories	
CSD	None
GPRS Multislot Class (DL/UL)	10 (85.6/85.6) kbit/s
EDGE Class (DL/UL)	10 (236,8/236,8) kbit/s
HSDPA Category (DL)	24 (42) Mbit/s
HSUPA Category (UL)	6 (5.6) Mbit/s
LTE Category	4
NB-IoT Category	None
Short Message Service (SMS)	Yes
Speech Codecs	None
Firmware Updates	UART
Integrated Positioning Technology	
GPS	Supported
GLONASS	Supported
Control Plane A-GPS Support	None
SUPL A-GPS Support	None
Regulatory	

eCall	None
Standalone / Assisted GNSS	None
TTY	None

HARDWARE

Dimensions (L x W x H, mm)	30x30x2,3
Weight (g)	4
Operating Temperature - Extended Operation (°C)	-40 °C to +85 °C
Supply Voltage Range (V)	3.4 - 4.2

Interfaces

USB 2.0 (480 Mbps)	Supported
ASC0 HS Serial Modem	None
GPIO Lines	Supported
UICC and U/SIM (1.8 V/3 V)	1.8 V, 3 V
ADC and I2C	None/Supported
Serial Interfaces 1.8 V (including automatic baud rate detection)	Supported
Digital Audio, prepared for Analog Audio	None



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CERTIFICATION DETAILS

GMA Certification	None
Deutsche Telekom Certification Date (Initial Firmware)	21.08.2019 (ME3630E1CV1.0B20)
Certified Deutsche Telekom Affiliates	AT, CZ, DE, GR, HR, HU, ME, MK, NL, PL, RO, SK
Certifying Entity	DTAG IDU-TIV
DT Certification Type (Conditions)	Full (technical issues to address)
Deutsche Telekom Affiliate Country Codes	
AT	Magenta Telekom 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	Cmorgski Telekom a.d. Podgorica
MK	Makedonski Telekom AD - Skopje
NL	T-Mobile Netherlands B.B.
PL	T-Mobile Polska S.A.
RO	Telekom Romania Mobile Communications S.A.
SK	Slovak Telekom, a.s.



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