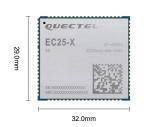


IoT/M2M-optimized LTE Cat 4 Module







Quectel EC25 is a series of LTE Cat 4 module optimized specially for M2M and IoT applications. Adopting the 3GPP Rel. 11 LTE technology, it delivers maximum data rates up to 150Mbps downlink and 50Mbps uplink. Designed in the compact and unified form factor, EC25 is compatible with Quectel multi-mode LTE Standard EC21/EC20 R2.0/EC20 R2.1/EG25-G/EG21-G modules and UMTS/HSPA+ UC20/UC200T module, which allows for flexible migration among them in design and manufacturing.

EC25 contains 13 variants: EC25-E, EC25-EU, EC25-EUX, EC25-J, EC25-A, EC25-V, EC25-AF, EC25-AFX, EC25-MX, EC25-AUT, EC25-AUTL, EC25-AU and EC25-AUX. This makes it backward-compatible with existing EDGE and GSM/GPRS networks, ensuring that it can be connected even in remote areas devoid of 4G or 3G coverage.

EC25 supports Qualcomm® IZat™ location technology Gen8C Lite (GPS, GLONASS, BeiDou/Compass, Galileo and QZSS). The integrated GNSS greatly simplifies product design, and provides quicker, more accurate and more dependable positioning.

A rich set of Internet protocols, industry-standard interfaces and abundant functionalities (USB serial drivers for Windows 7/8/8.1/10, Linux, Android/eCall*) extend the applicability of the module to a wide range of M2M and IoT applications such as industrial router, industrial PDA, rugged tablet PC, video surveillance, and digital signage.



Key **Benefits**

- LTE Cat 4 module optimized for M2M and IoT applications
- Worldwide LTE, UMTS/HSPA(+) and GSM/GPRS/EDGE coverage
- Multi-constellation GNSS receiver available for applications requiring fast and accurate fixes in any environment
- Feature refinements: supports DFOTA, eCall* and DTMF
- MIMO technology meets demands for data rate and link reliability in modem wireless communication systems



Max 150Mbps (DL) Max 50Mbps (UL)









Max 42Mbps (DL)

Max 5.76Mbps (UL)



Multi-constellation



LCC Package

USB 2.0 High Speed Interface



Embedded Abundant

Protocols



Rev.: V2.0 | Status: Released

LTE Cat 4	EC25-E	EC25-EU	EC25-EUX	EC25-J
egion/Operator	EMEA/South Korea/Thailand/India	EMEA/Thailand	EMEA/Thailand	Japan
imensions (mm)	32.0 × 29.0 × 2.4	32.0 × 29.0 × 2.4	32.0 × 29.0 × 2.4	32.0 × 29.0 × 2.4
emperature Range	32.0 × 23.0 × 21.1	52.0 · · 25.0 · · 2.1	3210 ** 2310 ** 211	3210 11 2310 11 211
peration Temperature	-35°C ~ +75°C	-35°C ~ +75°C	-35°C ~ +75°C	-35°C ~ +75°C
ktended Temperature	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
requency Bands	40 0 103 0	40 0 103 0	40 C 103 C	40 C 103 C
TE-FDD	B1/B3/B5/B7/B8/B20	B1/B3/B7/B8/B20/B28A	B1/B3/B7/B8/B20/B28A	B1/B3/B8/B18/B19/B26
TE-TDD	B38/B40/B41	B38/B40/B41	B38/B40/B41	B41
VCDMA	B1/B5/B8	B1/B8	B1/B8	B1/B6/B8/B19
SSM/EDGE	B3/B8	B3/B8	B3/B8	\
	GPS/GLONASS/BeiDou (Compass)/	GPS/GLONASS/BeiDou (Compass)/	GPS/GLONASS/BeiDou (Compass)/	GPS/GLONASS/BeiDou (Compass)/
GNSS	Galileo/QZSS (Optional)	Galileo/QZSS (Optional)	Galileo/QZSS (Optional)	Galileo/QZSS (Optional)
Carrier	Global: Vodafone Europe: Deutsche Telekom/Telefónica South Korea: SKT/KT*/LGU+*	Europe: Deutsche Telekom/ British Telecom	\	Japan: NTT DOCOMO/SoftBank/KDD
Regulatory	Global: GCF Europe: CE South Korea: KC Taiwan (China): NCC Australia/New Zealand: RCM Thailand: NBTC Russia: FAC South Africa: ICASA	Global: GCF Europe: CE Taiwan (China): NCC Australia/New Zealand: RCM	Global: GCF Europe: CE Taiwan (China): NCC Australia/New Zealand: RCM	Japan: JATE/TELEC
Others	RoHS/WHQL	RoHS/WHQL	RoHS/WHQL	RoHS/WHQL
ata Transmission				
TE-FDD Data Rate (Mbps)	150 (DL)/ 50 (UL)	150 (DL)/ 50 (UL)	150 (DL)/ 50 (UL)	150 (DL)/ 50 (UL)
TE-TDD Data Rate (Mbps)	130 (DL)/ 30 (UL)	130 (DL)/ 30 (UL)	130 (DL)/ 30 (UL)	130 (DL)/ 30 (UL)
OC-HSPA+ Data Rate (Mbps)	42 (DL)/ 5.76 (UL)	42 (DL)/ 5.76 (UL)	42 (DL)/ 5.76 (UL)	42 (DL)/ 5.76 (UL)
VCDMA Data Rate (Kbps)	384 (DL)/ 384 (UL)	384 (DL)/ 384 (UL)	384 (DL)/ 384 (UL)	384 (DL)/ 384 (UL)
DGE Data Rate (Kbps)	296 (DL)/ 236.8 (UL)	296 (DL)/ 236.8 (UL)	296 (DL)/ 236.8 (UL)	\
PRS Data Rate (Kbps)	107 (DL)/ 85.6 (UL)	107 (DL)/ 85.6 (UL)	107 (DL)/ 85.6 (UL)	\
nterfaces				
U)SIM	x1	x1	x1	x1
JART	x2	x2	x2	x2
JSB 2.0	x1	x1	x1	x1
Audio Digital (PCM)	x1	x1	x1	x1
2C	x1	x1	x1	x1
DIO	x2	x2	x1	x2
GMII	x1	x1	x1	x1
Bluetooth*	x1	x1	\	x1
ADC	x2	x2	x2	x2
/oice				
peech Codec Modes	HR/FR/EFR/AMR/AMR-WB	HR/FR/EFR/AMR/AMR-WB	HR/FR/EFR/AMR/AMR-WB	HR/FR/EFR/AMR/AMR-WB
cho Arithmetic	Echo Cancellation/Noise Suppression	Echo Cancellation/Noise Suppression	Echo Cancellation/Noise Suppression	Echo Cancellation/Noise Suppression
OLTE	Digital Audio and VoLTE (Voice over LTE) (Optional)	Digital Audio and VoLTE (Voice over LTE) (Optional)	Digital Audio and VoLTE (Voice over LTE) (Optional)	Digital Audio and VoLTE (Voice over LTE) (Optional)
inhanced Features				
Call*	•	•	•	•
TMF	•	•	•	•
PFOTA	•	•	•	•
QMI/RmNet	0.00	•	0.5	0.11.1
Audio Playback*/Audio Recording*	Optional	Optional	Optional	Optional
QuecLocator® QuecFile	•	•	•	•
U)SIM Card Detection	•	•	•	•
Privers				
JSB Serial Driver	Windows 7/ 8/ 8.1/ 10, Linux 2.6~5.4, Android 4.x/ 5.x/ 6.x/ 7.x/ 9.x Android 4.x/5.x/6.x/7.x/8.x/9.x	Windows 7/8/8.1/10, Linux 2.6~5.4, Android 4.x/5.x/6.x/7.x/9.x Android 4.x/5.x/6.x/7.x/8.x/9.x	Windows 7/ 8/ 8.1/ 10, Linux 2.6~5.4, Android 4.x/ 5.x/ 6.x/ 7.x/ 9.x Android 4.x/5.x/6.x/7.x/8.x/9.x	Windows 7/ 8/ 8.1/ 10, Linux 2.6~5.4 Android 4.x/ 5.x/ 6.x/ 7.x/ 9.x Android 4.x/5.x/6.x/7.x/8.x/9.x
GNSS Driver	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x Android 4.x/5.x/6.x/7.x/8.x/9.x
RIL Driver NDIS	Windows 7/ 8/ 8.1/ 10	Windows 7/ 8/ 8.1/ 10	Windows 7/ 8/ 8.1/ 10	Windows 7/ 8/ 8.1/ 10
MBIM	Windows 8/8.1/10, Linux 3.18~5.4	Windows 8/8.1/10, Linux 3.18~5.4	\ \	Windows 8/8.1/10, Linux 3.18~5.4
GobiNet Driver	Linux 2.6~5.4	Linux 2.6~5.4	Linux 2.6~5.4	Linux 2.6~5.4
QMI_WWAN Driver	Linux 3.4~5.4	Linux 3.4~5.4	Linux 3.4~5.4	Linux 3.4~5.4
lectrical Features				
Supply Voltage Range Power Consumption	3.3V~4.3V, 3.8V Typ. 11μA @Power off 1.16mA @Sleep, Typ. 19.5mA @Idle	3.3V~4.3V, 3.8V Typ. 11µA @Power off 1.16mA @Sleep, Typ. 19.5mA @Idle	3.3V~4.3V, 3.8V Typ. 9.0µA @Power off 0.9mA @Sleep, Typ. 14.5mA @Idle	3.3V~4.3V, 3.8V Typ. 10μA @Power off 1.1mA @Sleep, Typ. 21mA @Idle



				Queclei LC23 Series		
LTE Cat 4	EC25-A	EC25-V	EC25-AF	EC25-AFX	EC25-MX	
Region/Operator	North America	Verizon	North America FirstNet	North America FirstNet	Mexico	
Dimensions (mm)	32.0 × 29.0 × 2.4	32.0 × 29.0 × 2.4	32.0 × 29.0 × 2.4	32.0 × 29.0 × 2.4	32.0 × 29.0 × 2.4	
emperature Range	32.0 ^ 23.0 ^ 2.4	32.0 ^ 23.0 ^ 2.4	32.0 ^ 23.0 ^ 2.4	32.0 ^ 23.0 ^ 2.4	32.0 ^ 23.0 ^ 2.4	
peration Temperature	-35°C ~ +75°C	-35°C ~ +75°C	-35°C ~ +75°C	-35°C ~ +75°C	-35°C ~ +75°C	
-						
xtended Temperature	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	
requency Bands						
TE-FDD	B2/B4/B12	B4/B13	B2/B4/B5/B12/B13/B14/B66/ B71	B2/B4/B5/B12/B13/B14/B66/ B71	B2/B4/B5/B7/B28/B66	
TE-TDD	\	\	\	\	\	
WCDMA	B2/B4/B5	\	B2/B4/B5	B2/B4/B5	B2/B4/B5	
GSM/EDGE	\	\	\	\	\	
GNSS	GPS/GLONASS/BeiDou (Compass)/Galileo/QZSS (Optional)	GPS/GLONASS/BeiDou (Compass)/Galileo/QZSS (Optional)	GPS/GLONASS/BeiDou (Compass)/Galileo/QZSS (Optional)	GPS/GLONASS/BeiDou (Compass)/Galileo/QZSS (Optional)	\	
Certifications						
Carrier	North America: AT&T/T-Mobile Canada: Rogers/Telus	North America: Verizon	North America: Verizon/AT&T/ T-Mobile/U.S. Cellular Canada: Rogers/Telus	North America: Verizon*/ AT&T*/T-Mobile*/U.S. Cellular*	\	
Regulatory	North America: FCC/PTCRB Canada: IC	Global: GCF North America: FCC	Global: GCF North America: FCC/PTCRB Canada: IC	Global: GCF* North America: FCC/PTCRB* Canada: IC	North America: FCC/PTCRB Mexico: IFETEL	
Others	RoHS/WHQL	RoHS/WHQL	RoHS/WHQL	RoHS/WHQL	RoHS/WHQL	
ata Transmission						
TE-FDD Data Rate (Mbps)	150 (DL)/ 50 (UL)	150 (DL)/ 50 (UL)	150 (DL)/ 50 (UL)	150 (DL)/ 50 (UL)	150 (DL)/ 50 (UL)	
TE-TDD Data Rate (Mbps)	\	\	\	\	\	
C-HSPA+ Data Rate (Mbps)	42 (DL)/ 5.76 (UL)	\	42 (DL)/ 5.76 (UL)	42 (DL)/ 5.76 (UL)	42 (DL)/ 5.76 (UL)	
VCDMA Data Rate (Kbps)	384 (DL)/ 384 (UL)	\	384 (DL)/ 384 (UL)	384 (DL)/ 384 (UL)	384 (DL)/ 384 (UL)	
DGE Data Rate (Kbps)	\	\	\	\	\	
PRS Data Rate (Kbps)	\	\	\	\	\	
nterfaces						
U)SIM	x1	x1	x1	x1	x1	
JART	x2	x2	x2	x2	x2	
ISB 2.0	x1					
		x1	x1	x1	x1	
udio Digital (PCM)	x1	x1	x1	x1	x1	
2C	x1	x1	x1	x1	x1	
DIO	x2	x2	x2	x1	x1	
GMII	x1	x1	x1	x1	x1	
luetooth*	x1	x1	x1	\	\	
DC	x2	x2	x2	x2	x2	
oice						
peech Codec Modes	HR/FR/EFR/AMR/AMR-WB	HR/FR/EFR/AMR/AMR-WB	HR/FR/EFR/AMR/AMR-WB	HR/FR/EFR/AMR/AMR-WB	HR/FR/EFR/AMR/AMR-WB	
cho Arithmetic	Echo Cancellation/	Echo Cancellation/	Echo Cancellation/ Noise Suppression	Echo Cancellation/	Echo Cancellation/	
/oLTE	Noise Suppression Digital Audio and VoLTE	Noise Suppression Digital Audio and VoLTE	Digital Audio and VoLTE	Noise Suppression Digital Audio and VoLTE	Noise Suppression Digital Audio and VoLTE	
nhanced Features	(Voice over LTE) (Optional)	(Voice over LTE) (Optional)	(Voice over LTE) (Optional)	(Voice over LTE) (Optional)	(Voice over LTE) (Optional)	
Call*	•	•	•	•	•	
OTMF	•	•		•	•	
PFOTA	•	•	•	•	•	
MI/ RmNet	•	•	•	•	•	
udio Playback*/	Ontional		Ontional		Ontional	
udio Recording*	Optional	Optional	Optional	Optional	Optional	
QuecLocator [®]	*	*	•	•	•	
luecFile	•	•	•	•	•	
J)SIM Card Detection	•	•	•	•	•	
Privers						
JSB Serial Driver	Windows 7/8/8.1/10, Linux 2.6~5.4, Android 4.x/5.x/6.x/7.x/9.x	Windows 7/ 8/ 8.1/ 10, Linux 2.6~5.4, Android 4.x/ 5.x/ 6.x/ 7.x/ 9.x	Windows 7/ 8/ 8.1/ 10, Linux 2.6~5.4, Android 4.x/ 5.x/ 6.x/ 7.x/ 9.x	Windows 7/8/8.1/10, Linux 2.6~5.4, Android 4.x/5.x/6.x/7.x/9.x	Windows 7/ 8/ 8.1/ 10, Linux 2.6~5.4, Android 4.x/ 5.x/ 6.x/ 7.x/ 9.x	
iNSS Driver	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x	\	
IL Driver	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9	
IDIS	Windows 7/ 8/ 8.1/ 10	Windows 7/ 8/ 8.1/ 10	Windows 7/ 8/ 8.1/ 10	Windows 7/ 8/ 8.1/ 10	Windows 7/ 8/ 8.1/ 10	
ивім	Windows 8/8.1/10, Linux 3.18~5.4	Windows 8/8.1/10, Linux 3.18~5.4	Windows 8/8.1/10, Linux 3.18~5.4	\	\	
SobiNet Driver	Linux 3.18~5.4 Linux 2.6~5.4	Linux 3.18~5.4 Linux 2.6~5.4	Linux 3.18~5.4 Linux 2.6~5.4	\ Linux 2.6~5.4	\ Linux 2.6~5.4	
MI_WWAN Driver	Linux 2.6~5.4 Linux 3.4~5.4	Linux 2.6~5.4 Linux 3.4~5.4	Linux 2.6~5.4 Linux 3.4~5.4	Linux 2.6~5.4 Linux 3.4~5.4	Linux 2.6~5.4 Linux 3.4~5.4	
lectrical Features	EHION S.T. S.M	EIUA J. T. J. T	Ellux J.T J.T	EHION JF JF	EHION J. T. J. T	
	2 2\/~/ 2\/ 2 8\/ Tup	2 2\/~/ 2\/ 2 8\/ Tun	2 2\/~/\ 2\/\ 2 8\/\Tun	2 2\/~/1 2\/ 2 8\/ Tun	2 2\/~/ 2\/ 2 0\/ Tun	
upply Voltage Range	3.3V~4.3V, 3.8V Typ.	3.3V~4.3V, 3.8V Typ.	3.3V~4.3V, 3.8V Typ.	3.3V~4.3V, 3.8V Typ.	3.3V~4.3V, 3.8V Typ.	
ower Consumption	10μA @Power off 1.1mA @Sleep, Typ. 21mA @Idle	10μA @Power off 0.85mA @Sleep, Typ.	10μA @Power off 1.0mA @Sleep, Typ. 23.3mA @Idle	8.0μA @Power off 0.83mA @Sleep, Typ. 14.9mA @Idle	19μA @Power off 1.0mA @Sleep, Typ. 12.9mA @Idle	

LTE Cat 4	EC25-AUT	EC25-AUTL	EC25-AU	EC25-AUX
egion/Operator	Australia	Australia	Latin America/Australia/New Zealand	Latin America/ Australia/New Zealand
imensions (mm)	32.0 × 29.0 × 2.4	32.0 × 29.0 × 2.4	32.0 × 29.0 × 2.4	32.0 × 29.0 × 2.4
emperature Range	32.0 N 23.0 N 2.4	32.0 A 23.0 A 2.4	32.0 × 23.0 × 2.4	32.0 × 23.0 × 2.4
peration Temperature	-35°C ~ +75°C	-35°C ~ +75°C	-35°C ~ +75°C	-35°C ~ +75°C
xtended Temperature	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
requency Bands	10 0 103 0	10 0 103 0		10 0 103 0
TE-FDD	B1/B3/B5/B7/B28	B3/B7/B28	B1/B2 ^① /B3/B4/B5/B7/B8/B28	B1/B2 ^① /B3/B4/B5/B7/B8/B28
TE-TDD	\	\	B40	B40
VCDMA	B1/B5	\	B1/B2/B5/B8	B1/B2/B4/B5/B8
SM/EDGE	\	\	B2/B3/B5/B8	B2/B3/B5/B8
inss	GPS/GLONASS/BeiDou (Compass)/ Galileo/QZSS (Optional)	\	GPS/GLONASS/BeiDou (Compass)/Galileo/ QZSS (Optional)	GPS/GLONASS/BeiDou (Compass)/ Galileo/QZSS (Optional)
Certifications				
Carrier	\	\	Australia: Telstra*	
Regulatory	Australia/New Zealand: RCM	Australia/New Zealand: RCM	Global: GCF North America: FCC Taiwan (China): NCC Brazil: Anatel Australia/New Zealand: RCM	Europe: CE Taiwan (China): NCC Brazil: Anatel Australia/New Zealand: RCM
Mb	2 115 111101	2 115 411101		2 115 /111101
others	RoHS/WHQL	RoHS/WHQL	RoHS/WHQL	RoHS/WHQL
rata Transmission	150 (DI) / 50 / !!!)	150 (DI) / 50 (!!!)	150 (DL) / 50 / ! !! }	1E0 /DI \/ E0 /UI \
TE-FDD Data Rate (Mbps)	150 (DL)/ 50 (UL)	150 (DL)/ 50 (UL)	150 (DL)/ 50 (UL)	150 (DL)/ 50 (UL)
FE-TDD Data Rate (Mbps)	42 (DL) / 5 75 (LL)	\	130 (DL)/ 30 (UL)	130 (DL)/ 30 (UL)
C-HSPA+ Data Rate (Mbps)	42 (DL)/ 5.76 (UL)	\	42 (DL)/ 5.76 (UL)	42 (DL)/ 5.76 (UL)
/CDMA Data Rate (Kbps)	384 (DL)/ 384 (UL)	\	384 (DL)/ 384 (UL)	384 (DL)/ 384 (UL)
DGE Data Rate (Kbps)	\	\	296 (DL)/ 236.8 (UL)	296 (DL)/ 236.8 (UL)
PRS Data Rate (Kbps)	\	\	107(DL)/ 85.6 (UL)	107 (DL)/ 85.6 (UL)
terfaces				
J)SIM	x1	x1	x1	x1
ART	x2	x2	x2	x2
SB 2.0	x1	x1	x1	x1
udio Digital (PCM)	x1	x1	x1	X1
.c	x1	x1	x1	x1
DIO	x2	x2	x2	x1
GMII	x1	x1	x1	x1
luetooth*	x1	x1	x1	\
DC	x2	x2	x2	x2
oice oice				
peech Codec Modes	HR/FR/EFR/AMR/AMR-WB	HR/FR/EFR/AMR/AMR-WB	HR/FR/EFR/AMR/AMR-WB	HR/FR/EFR/AMR/AMR-WB
cho Arithmetic	Echo Cancellation/Noise Suppression	Echo Cancellation/Noise Suppression	Echo Cancellation/Noise Suppression	Echo Cancellation/Noise Suppression
OLTE	Digital Audio and VoLTE (Voice over LTE) (Optional)	Digital Audio and VoLTE (Voice over LTE) (Optional)	Digital Audio and VoLTE (Voice over LTE) (Optional)	Digital Audio and VoLTE (Voice over LTE) (Optional)
nhanced Features	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(/(/	, , , , , , , , , , , , , , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Call*	•	•	•	•
TMF	•	•	•	•
FOTA	•	•	•	•
MI/ RmNet	•	•	•	•
udio Playback*/ udio Recording*	Optional	Optional	Optional	Optional
uecLocator®	*	*	•	•
uecFile	•	•	•	•
J)SIM Card Detection	•	•	•	•
rivers				
ISB Serial Driver	Windows 7/ 8/ 8.1/ 10, Linux 2.6~5.4, Android 4.x/ 5.x/ 6.x/ 7.x/ 9.x	Windows 7/ 8/ 8.1/ 10, Linux 2.6~5.4, Android 4.x/ 5.x/ 6.x/ 7.x/ 9.x	Windows 7/ 8/ 8.1/ 10, Linux 2.6~5.4, Android 4.x/ 5.x/ 6.x/ 7.x/ 9.x	Windows 7/ 8/ 8.1/ 10, Linux 2.6~5.4, Android 4.x/ 5.x/ 6.x/ 7.x/ 9.x
NSS Driver	Android 4.x/5.x/6.x/7.x/8.x/9.x	\	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x
IL Driver	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x	Android 4.x/5.x/6.x/7.x/8.x/9.x
DIS	Windows 7/ 8/ 8.1/ 10	Windows 7/ 8/ 8.1/ 10	Windows 7/ 8/ 8.1/ 10	Windows 7/ 8/ 8.1/ 10
1BIM	Windows 8/8.1/10, Linux 3.18~5.4	Windows 8/8.1/10, Linux 3.18~5.4	Windows 8/8.1/10, Linux 3.18~5.4	\
obiNet Driver	Linux 2.6~5.4	Linux 2.6~5.4	Linux 2.6~5.4	Linux 2.6~5.4
MI_WWAN Driver	Linux 3.4~5.4	Linux 3.4~5.4	Linux 3.4~5.4	Linux 3.4~5.4
lectrical Features				
upply Voltage Range	3.3V~4.3V, 3.8V Typ.	3.3V~4.3V, 3.8V Typ.	3.3V~4.3V, 3.8V Typ.	3.3V~4.3V, 3.8V Typ.
lower Consumption	10μA @Power off	10µA @Power off	11μA @Power off	9.0µA @Power off
ower Consumption	1mA @Sleep, Typ. 17mA @Idle	1mA @Sleep, Typ.	1.3mA @Sleep, Typ. 22mA @Idle	0.9mA @Sleep, Typ. 16.9mA @Idle

