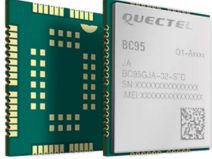


Recommended LTE modules for M2M applications

LTE Modules	LTE NB IoT Modules 3GPP Rel.13				
EG91-E	BC95	BC95-G	BG96	BC68	BC66
					
LTE Cat.1+WCDMA+GPRS	LTE Cat. NB1	LTE Cat. NB1	LTE Cat.M1+Cat.NB1+GPRS	LTE Cat. NB1	LTE Cat. NB1
Qualcomm Chipset	HiSilicon Chipset	HiSilicon Chipset	Qualcomm Chipset	HiSilicon Chipset	MediaTek Chipset
Multiband LTE (4G) B1/B3/B7/B8/B20/B28A WCDMA (3G) 900/2100 GPRS (2G) 900/1800 MHz	BC95-B8: 900MHz BC95-B5: 850MH BC95-B20: 800MHz BC95-B28: 700MHz	Multiband B1/B3/B5/B8/B20/B28	Multiband LTE B1/B2/B3/B4/B5/ B8/B12/B13/B18/B39 Quad Band GPRS 850/800/1800/1900 MHz	Multiband B1/B3/B5/B8/B20/B28	Multiband B1/B2/B3/B4/B5/B8/ B12/B13/B17/B18/B19/ B20/B25/B26/B28/B66
Benefits works in existing networks 10Mbps transfer rate(LTE) Digital Audio VoLTE optionally Delta firmware upgrade over the air	Benefits Low Power suitable for up to 10y battery operation Low cost	Benefits Global coverage Low Power suitable for up to 10y battery operation Low cost	Benefits All NB IoT standards + GPRS Low Power suitable for up to 10y battery operation in LTE mode Global coverage GNSS, VoLTE optionally Delta firmware upgrade over the air	Benefits Ultra-compact package Low cost Global coverage Low Power suitable for up to 10y battery operation Software compatible to BC95/BC95-G	Benefits Ultra-compact package Low cost Global coverage Low Power suitable for up to 10y battery operation OCPU optionally Delta firmware upgrade over the air
Typical Applications Fleet management, Trackers (fast moving objects), Video surveillance, Emergency call	Typical Applications Smart Metering, Smart City, Industrial and home automation, Wireless Sensors (stationary objects)	Typical Applications Smart Metering, Smart City, Industrial and home automation, Wireless Sensors (stationary objects)	Typical Applications Wearable fitness trackers, Asset/Person/Pet trackers (slow moving objects) Wireless Sensors, Emergency call	Typical Applications Smart Metering, Smart City, Industrial and home automation, Wireless Sensors (stationary objects)	Typical Applications Smart Metering, Smart City, Industrial and home automation, Wireless Sensors (stationary objects)
(19.9 X 23.6 X 2.2 mm) or (22.5 X 26.5 X 2.2 mm) PCB design compatibility				(17.7 X 15.8 X 2.3 mm) PCB design compatibility	