



To be the best globalized medium-sized IoT company
A GOSUNCN COMPANY

ME3630J2A V3A

LTE/WCDMA Module



- Mini PCIE 51×31 package
- Support LTE/WCDMA/
- Support FOTA
- Support rich hardware interfaces:
ADC/USB/UART/GPIO
- Support multiple network protocols:
TCP/UDP/ COAP/HTTP(S)/FILE/MQTT/LWM2M

ME3630J2A V3A is designed to provide customers with global network coverage on the connectivity of LTE. It delivers 50Mbps upload and 150Mbps download data rates on LTE networks and can also be fully backward compatible with existing 3G networks. ME3630J2A V3A is P2P with ME3630 series.



LCC
Package



Compatible
design



Industrial-grade
reliability



Low power
consumption

ME3630J2A V3A can be widely used in many scenarios such as smart meter, data through device, monitor etc.

Smart meter



Monitor



Data through device





General Features

Pin-to-Pin with PCIE
 Dimensions: 51 × 31 × 3.4mm
 Weight: About 10g
 Frequency Band : LTE FDD/WCDMA

Operating Environment

Normal temperature range:-30°C ~ +75°C
 Extreme Operating temperature:-40°C ~ +85°C
 Humidity range: 5%~ 95%

Physical Interface

USB 2.0 High speed (480 Mbps)
 UART
 SIM interface (1.8/3.0V)
 Antenna
 Reset & Power-on
 WAKE-IN & WAKE-OUT

Functions

Support embedded TCP & UDP protocols
 Support protocols PAP and CHAP used for PPP connection
 USB Selective Suspend & Remote wakeup
 RAS /ECM/NDIS
 Control Via AT Commands according to 3GPP TS27.005, 27.007
 and GOSUNCN extended AT commands

Data Rate

LTE FDD (CAT4)
 – Uplink 50Mbps / Downlink 150 Mbps
 LTE TDD (CAT4)
 – Uplink30Mbps / Downlink 112Mbps
 WCDMA
 – Uplink 5.76Mbps / Downlink 42Mbps

Network & Connectivity

PID	BAND
J2A V3A	LTE B1/B3/B8/B18/B19/B26/B39/B41 W B1/B6/B8/B19

Certification

JATA/TELEC
 Docomo/KDDI/SoftBank in process

Power Supply

3.0V -- 4.0V (3.3V is recommended)

