RFID & EMBEDDED SYSTEMS

Reliable, field proven
GPS/GlōNav/GloBiv/Q5SS
and GOM/UMTS/LTE modules
High-performance GMS, GOM, UMTS, LTE modules
RFID: high-performance modules, operating -10°C to +60°C
Waterproof, for GPS, UMTS, GPS modules
Extremely low power: 0.2mA/8V, 0.2mA/5V, 1mA/3V
Parallel accuracy <= 3 cm, 3 cm/100m
Built-in active antenna support (power, monitor)
Available in compact, SMT form factors
Wide temperature range: -40°C to +85°C

Industrial computing products

IMX PRODUCTS
BF modules and readers
Wireless B-Box modules and devices
Reliable and suitable readers
ZigBee modules
Microwave & UHF designs

GOM-GNSS modules
Certified industrial Bluetooth modules and readers
Bluetooth: protocol version 3.0, 2.1; power class 2
HF connectors, adapter cables
GSM, GPS, GLONASS, Iridium,
Dedicated modules for timing, RAW data
Direct cooperation with GSM/UMTS modules
Assisted GNSS: GPS as well as Glonass supported,
High in-band jamming immunity, Jammer detection
Built in active antenna support (power, monitor)
Extremely low power: 4.5mA/3V (fix GPS every 1s)
State of the art GNSS modules

LIGHTING PRODUCTS
SOLV & SOLVICON

Alpine

APL-016

LPA-024

LPA-024

LEDs for automotive market, IR LEDs
2000K for mood lighting
Wide portfolio of signalling LEDs
Power LED matrix modules
12W-36W (9090) 4-chip power LEDs
Double color (warm + cool) power LEDs
Power LEDs with high CRI (up to 95)
Taiwanese cost-effective LEDs
Design support and contract manufacturing

INDUSTRIAL COMPUTING PRODUCTS

Industrial computing products

SEMI-Conductors


tools that can be added to your projects.

WIRELESS ACCESSORIES

Wireless accessories

ASIC products

Digitally illuminated displays
Power modules
RF modules and modems
125kHz: EM Marin/Unique/Temic, Philips (Hitag)
The most popular standards on the market:
RFID system solutions for: Access control,
ISM PRODUCTS

connectors for LED boards
FFC connectors
Board to board connectors
SIM / Nano SIM / Pico SIM connectors

With built-in antenna (9.6x14.0x1.95mm)
Miniature GPS+Glonass module
HF connectors, adapter cables
GSM, GPS, GLONASS, Iridium,
Dedicated modules for timing, RAW data

Cam-M8Q

EVA

Voice over LTE
USB 2.0, SPI, UART
Low power consumption
HSDPA (21.1Mb/s), HSUPA (5.76Mb/s)
LISA-U2

TOBY-L2

Low cost version available (UMTS only,
Low power consumption (<0.6mA idle, DRX9)
DTMF support, SIM card detection
Multiple socket & IP addresses
ATEX certificate to be used in explosive environments
Embedded TCP/UDP/IP, FTP/HTTP/SMTP stack
Wide temperature range -40°C to +85°C
Navigation without GPS, based on GSM network
modules

Nested design available at u-blox, SARA, LISA or TOBY

LTE modules
TOBY family:
WCDMA modules and Stacks
Modems & USB Dongles
Zigbee modules
for metering applications
Wireless M-Bus modules and devices
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