IoT Products and Services from Edge to Cloud
IoT Solutions • IoT Cloud • SIM Cards and Connectivity Plans

RF & Wireless Design Support
Technical Expertise • Design to Production • Leading IoT & RF Brands

NEW IoT Supplier Partners

SKYWORKS
- 5G Massive IoT
- LTE-M / NB-IoT System in package
- Solutions for a connected world

orange Business Services
- Global IoT connectivity
- 2G, 3G, LTE, Cat M1 data plans
- Connectivity management portal

kerlink
- LoRa network and services
- Gateways and devices
- IoT network management software and services

AIX A KYOCERA GROUP COMPANY
- High-performance antenna solutions
- Custom and standard antennas
- Active and passive

ethertronics
- Smart Earth IoT solutions
- Environmental monitoring solutions
- End-to-end solutions

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- Smart Earth IoT solutions
- Environmental monitoring solutions
- End-to-end solutions

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LoRa Outdoor Gateway for IoT

**PDTIOT-ISS05**
- 8CH LoRa, 2G/3G/4G backhaul
- Ethernet backhaul
- 868 / 915 / 923 MHz bands
- IP67 casing for industrial use

LTE/LPWA Open Source Development Platform

**mangOH Yellow**

**Versions**
- Cat-M/NB-IoT, Cat-1, Cat-4 LTE with 3G and 2G fallback
- Bluetooth, Wi-Fi, NFC, IoT expansion cards

Cat-M1 / NB-IoT SiP EVK

**SKY66430-11EK1**
- Complete BB to RF solution
- LTE-M / NB-IoT
- Ultra-small 8.8 × 10.8 × 0.95 mm package
- Software stack

LTE-M NB IoT Module w/ Integrated GNSS

**SARA-R5 10M8S00B**
- Built-in end-to-end security
- -40 °C to +85 °C
- Low power consumption
- u-blox M8 GNSS & UBX-R5 cellular chipset

5G NR sub-6GHz IoT Module

**EM9191**
- Up to 4.5Gbps downlink and 660Mbps uplink speed
- 4G and 3G fallback
- Integrated GNSS receiver

New IoT Tech Hub – Source for latest IoT products, news, events, tools and more

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IoT Modules and Antennas

**EtherHelix Mission Critical GPS Antenna**

**1002857**
- Quad Helix Isolated Magnetic Dipole™ (IMD)
- Frequency: 1575 MHz
- Peak Gain: -3.0
- Efficiency: 27

**Ultra-Compact Wi-Fi Module**

**LILY-W131**
- Based on the NXP 88w8801 chip
- IEEE 802.11b/g/n
- Host interface: SDIO or USB
- -40 C to +85 C

**RUN mXTEND™ Mobile | IoT Antenna**

**NN02-224**
- GSM, UMTS, LTE, Bluetooth, Wi-Fi, GPS
- Small size, cost-effective
- High efficiency

**5G 28GHz Smart Antenna Subsystem**

**KHA16.24C**
- 2D antenna array
- integrated beamformer RFIC, Mixcomm SUMMIT 2629
- 26.5 to 29.5 GHz

**High Precision GNSS Module**

**ZED-F9P-02B**
- Multi-band GNSS receiver delivers centimeter level accuracy in seconds
- Moving base support, allowing both base and rover to move
- High update rate

**Standalone Industrial Wi-Fi MCU module**

**WFI32E01PC**
- 200 MHz, MIPS32® M-Class MCU
- 1MB Flash, 256KB SRAM
- USB, CAN, CAN-FD, Ethernet
- Dual 12-bit ADCs
- 3×UART, I2C, 2×SPI

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