

									
Energy-friendly solutions for: Bluetooth, Thread, Wi-Fi, Zigbee, Sensors, Timing, and Microcontrollers.		LTE, 3G, 4G, Cat M, GNSS, Bluetooth modules, Cellular connectivity, Wi-Fi, and platforms for IoT enablement.		FPGAs. USB Type-C, HDMI, MHL, DVI, 60Ghz WirelessHD connectivity. Low power, small size and low cost FPGAs.		RF modules, gateways, cellular routers, embedded wireless SoM, single board computers, and product design services.		Highly integrated SoCs for IoT and other wireless applications. Wi-Fi, BTLE, BT, GPS, GNSS, Combo	
									
Specialists in a wide variety of Hall sensors and embedded controllers for automotive and industrial applications.		Innovative solutions for Bluetooth, BLE, WLAN single and dual band, IEEE802.15.4 and GPS/GNSS designs.		ULP wireless, Bluetooth, BLE, transmitters / transceivers for consumer, medical, industrial, scientific, and audio markets.		Embedded CPU, GPU, APU and SOC, Graphic MXM Modules, PCIe Add-on graphics cards for scalable x86 designs.		Ethernet NIC / PHYs, Ethernet Controller, Audio Codecs, Audio Amplifiers, Wi-Fi AP / Routers, and Multimedia SoCs.	
	Aeris offers a complete suite of IoT/M2M solutions including app enablement platforms and 2G, 3G, and 4G/LTE cellular networks.		UHF RFID readers and tags, RFID labels, temperature logger tags, antennas, and RFID development kits.		Non-volatile, high-speed, low-power NOR flash. SPI interfaced NAND flash, & high performance 32-bit ARM Cortex M3 MCUs.		Network enabling technology: serial to ethernet connectivity, serial to 802.11, modules, embedded and boxed solutions.		SSD products in 1.8" 2.5", 3.5", PCIe and rackmount form factors with fibre-channel, SCSI, SATA, and SAS interfaces.
	LP SRAM, FIFOs, Flash, SDRAM, DRAM, zero bus latency SRAM and masked-ROM, custom combo memory (Flash + RAM).		USB and PCI audio processing solutions for peripherals including headsets, handsets, microphones, speakers, and sound cards.		Satellite modems/antenna. Custom M2M/telematic solutions for industrial, automotive and agricultural markets.		Highly energy efficient power solutions for industrial, telecom, cloud computing, automotive, and consumer applications.		AMD embedded motherboards, graphics cards, PCIe cards & MXM modules, Qseven, AMD eval boards & embedded solutions.
	GPS modules and antennas for GSM and CDMA, 3G, 4G LTE, GPS FM, Bluetooth, Wi-Fi, WiMAX, WiBro, and Zigbee.		Single chip UWB transceivers, w/ precise in/outdoor positioning to within 10cm, up to 6.8Mbps. Based on IEEE802.15-4-2011		Embedded x86 motherboards, SBCs, CPU modules, & embedded solutions for medical, POS/kiosk, digital signage and industrial PCs.		Ready to deploy or integrate cellular and analog modems and device servers approved as end-solutions.		FerriSSD (solid state drives on chip) eMMC SSD, discrete graphics, multimedia SoCs, and specialty RF ICs.
	Long-range industrial wireless technology, wireless ethernet bridges, multi-point radios, and wireless modules.		Internal and external antennas for M2M telemetry, monitoring apps such as Cellular, 3G, GSM, GPS, ISM, (BT Zigbee), & WLAN.		Laser diode and line drivers, opto sensors, emitters and encoders, DC/DC converters, I/O circuits and interpolators.		Cellular modems, platforms and application-specific remote monitoring systems to help minimize time-to-market.		Power over ethernet (PoE), battery charger, subscriber line interface circuit modules, as well as PSTN/trunk interfaces, and COICs.
	Multimedia network products, decoders, MPEG encoders, video converters, LCD/surveillance controllers, line/frame buffers.		Ethertronics combines high performance antenna solutions with world-class design centers for fast customer response times.		Remote communications, wireless technologies for M2M applications, certified modules.		Wi-Fi chipsets and modules, ultra-low power 802.11n wireless sensor modules.		Voltage detectors and regulators, LDOs, DC/DC converters, charge pump and PLL ICs, temperature sensors, & 3-axis accelerometers.
	x86-based SBC, rugged embedded systems, industrial computers, digital signage platforms, medical PC, and system on modules.		FRAM, graphics display controllers, video transcoders, and H.264.		Memory modules, SIMMs, DIMMs, DDR modules, SSD, USB and Compact Flash memory products.		Easy to use RF modules, configurable wireless RF transmitters, receiver and transceiver modules.		Motion control solutions including ICs, modules, integrated motors with driver modules.



## SENSORS

MICRONAS

SILICON LABS



## BLUETOOTH

SILICON LABS

NORDIC SEMICONDUCTOR

MEDIATEK

TAIYO YUDEN

REALTEK



## LTE

Telit

DIGI

MULTITECH

aeris



## Wi-Fi

MEDIATEK

SILICON LABS

REALTEK

TAIYO YUDEN

LANTRONIX



## VIDEO

LATTICE SEMICONDUCTOR

FUJITSU

AMD



### IoT / M2M

- Remote Monitoring - Wearables
- Drone / UAV - POS, Kiosk

### SECURITY / SURVEILLANCE

- Video Analytics - PoE
- HEVC / H.264 - Cameras

### ENERGY / SMART METER

- Smart Plug - Meters
- Solar - Readers

### MEDICAL / HEALTHCARE

- Medical Equipment - Home Health
- Personal Pendants - Fitness

### TRANSPORTATION

- Location Detection - Rail
- Fleet Tracking - Automotive

### INDUSTRIAL / AUTOMATION

- Sensor Monitoring - HMI
- Control - Beacon

### PRO AUDIO / VIDEO

- Digital Signage - Wireless HD
- Video Distribution - VR / AR

### AGRICULTURE

- Smart Farming - Irrigation
- Animal Tracking - Equipment