Alcom electronics

Featured supplier

SILICON LABS

Silicon Labs is a leading provider of silicon, software and solutions for a smarter, more connected world. From MCUs, wireless SoCs and sensors for the IoT to advanced timing and power management chips for Internet infrastructure and industrial automation, Silicon Labs' solutions provide customers with significant advantages in performance, energy efficiency, connectivity and design simplicity.

Alcom wants to inspire its valued customers to use advanced innovative building blocks in vertical markets. The importance of providing high-level services and a human interface based on specialism, knowledge and design-in expertise are our key differentiators.

IoT Solutions to Shorten the Path to Connectivity

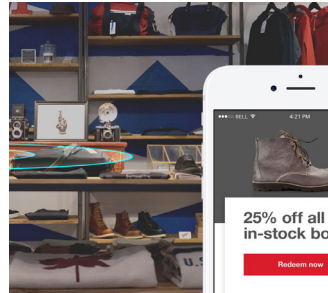# Applications & Markets

Communications

Automotive

Data Centers

Healthcare & Fitness

Home Automation

Motor Control

Retail

Smart Meters

Internet of Things

Wireless Gecko SoCs
Ready for Whatever Comes Next

Energy-Friendly Microcontrollers

Design without compromise using the low power EFM32™ ARM® Cortex® based 32-bit MCUs and EFM8™ 8051-based 8-bit MCUs. With Simplicity Studio™ you can quickly deliver an energy-friendly sensor node, smart meter, wearable or connected Internet of Things (IoT) system.
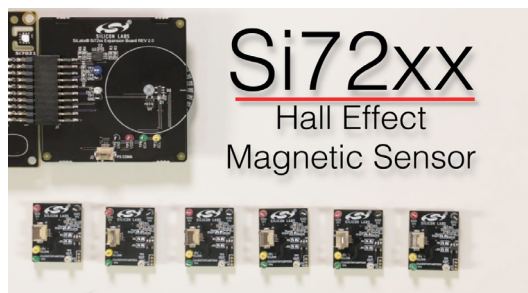
• 8-bit MCU (EFM8 and C8051 Devices)
• 32-bit MCU (EFM32 Devices)

Wireless & RF Solutions

Integrated, robust, reliable, and easy-to-use wireless and RF ICs, modules and software. Designers are able to eliminate many discrete components and use fewer external components. You speed time to market with Zigbee, Z-Wave, Bluetooth®, Wi-Fi®, Sub-GHz, 2.4 GHz Proprietary Wireless, and Multiprotocol Wireless solutions from Silicon Labs.

Intelligent Sensors

Our diverse sensor product portfolio includes optical sensors, digital relative humidity and temperature sensor ICs, biometric sensors, magnetic hall effect sensors, and capacitive touch sense microcontroller devices.
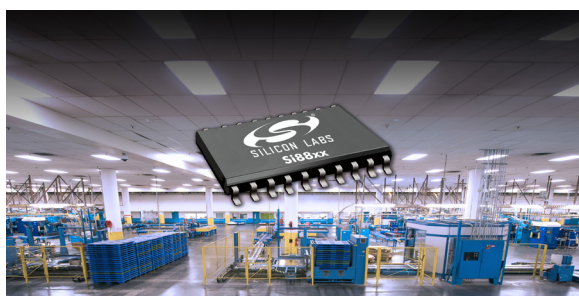
• Optical Sensor ICs
• Biometric Sensor ICs
• Capacitive Touch Sensors
• Humidity Sensor ICs
• Temperature Sensor ICs
• Magnetic Sensor ICs

Complete Timing Solutions

Silicon Labs offers the industry's broadest portfolio of crystal oscillators, clock generator, clock buffer and jitter attenuator products, as well as PCI Express (PCIe) clock generators and buffers.

• Clocks - Any frequency Clock Generators & Jitter Attenuators
• Buffers – Any-format Clock Buffers (Differential, LVCMOS)
• Oscillators - I2C programmable (VC)XO's up to 3GHz

Isolation Solutions

Our family of products includes CMOS digital isolators, isolated gate drivers, isolated current sensors, isolated system products, and isolated FET drivers.

• Digital Isolators
• Current Sensors
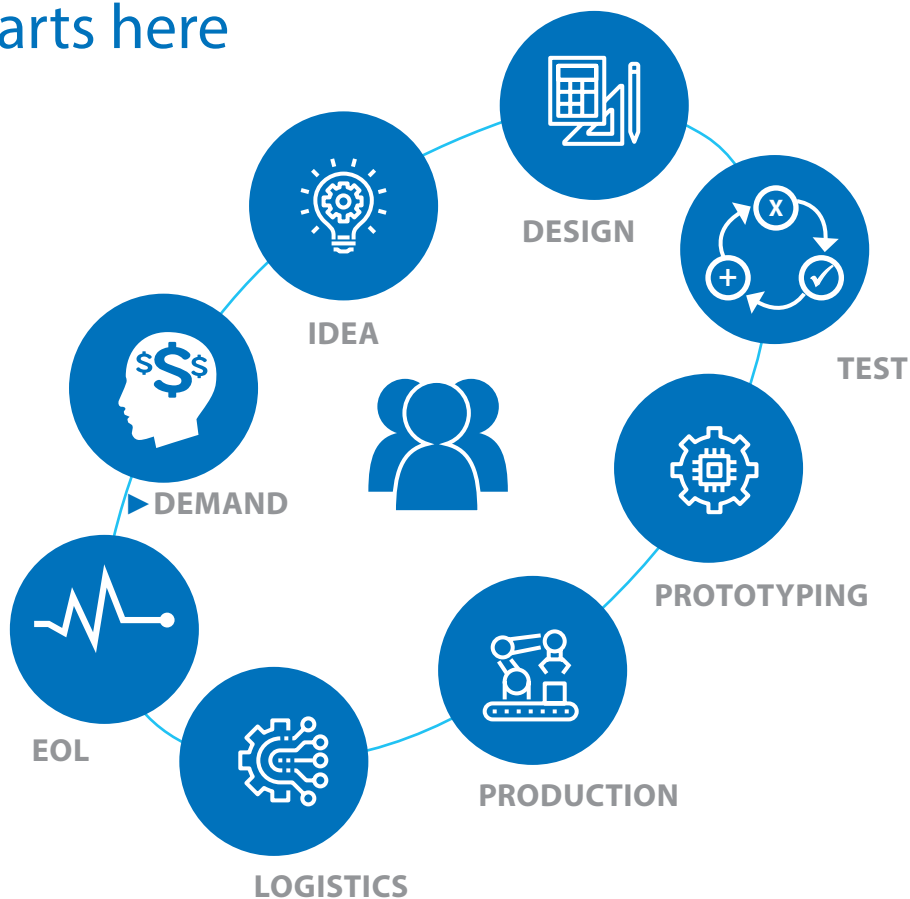• Isolated Gate Drivers
• Isolated FET Drivers

Power over Ethernet Controllers

Silicon Labs' power portfolio includes Power over Ethernet (PoE) powered device (PD) controllers, power sourcing equipment (PSE) controllers and PSE power management ICs that address both ends of the Ethernet cable.

Co-creation starts here

IDEA

DESIGN

TEST

DEMAND

PROTOTYPING

EOL

PRODUCTION

LOGISTICS

ELECTRONIC COMPONENT SOLUTIONS	• Semiconductors • Passives • Electromechanical • Photonics	• Wireless Modules • Wireless Boxed • Networking & Connectivity
WIRELESS & NETWORKING		
DISPLAY & TOUCH	• Display • Touch	• LED • Solid State Lighting
LED & SOLID STATE LIGHTING		
EMBEDDED COMPUTING	• SBC, CPU & IPC • Memory Storage • Rugged Mobile Computing	• Power Conversion • EMC
POWER & EMC		

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