

Introducing the Series 3 Portfolio: A New Era of IoT Performance

Silicon Labs' newly launched Series 3 portfolio sets a new standard for compute power, integration, security, and energy efficiency—meeting the demands of today's line- and battery-powered IoT devices.

As smart devices become more compact and capable, the need for robust, secure, and integrated wireless solutions is greater than ever. Series 3 SoCs rise to the challenge with advanced processing, flexible memory, top-tier security, and simplified external component integration.

Together Series 2 and the Series 3 platform expands our IoT leadership—delivering scalable solutions for the full spectrum of applications.



SiXG301: Optimized for Line-Powered Applications

Ideal for advanced LED lighting and smart home devices

- Purpose-built for line-powered smart devices
- Integrated LED pre-driver for streamlined lighting designs
- Multi-protocol support: Bluetooth, Zigbee, Thread, and Matter
- High memory capacity: 4 MB Flash and 512 kB RAM for future-proofing
- Series 3 Secure Vault™: PSA Level 4 certified
- Concurrent multi-protocol operation:
 - Enables simultaneous Zigbee, Bluetooth, and Matter over Thread
 - Simplifies manufacturing SKUs
 - Reduces BOM cost and board space
 - Enhances user experience and interoperability
- Production status: Already in use by key customers
- General availability: Expected Q3 2025



SiXG302: Designed for Battery-Powered Efficiency

Perfect for ultra-low-power wireless sensors and actuators

- Extends Series 3 to battery-powered IoT applications
- Industry-leading energy efficiency:
 - Uses just 15 $\mu\text{A}/\text{MHz}$ active current
 - Delivers 30% lower power consumption than competitive devices
- Maintains performance without compromising battery life
- Optimized for:
 - Matter-based devices
 - Bluetooth-enabled sensors and actuators
- Built on Silicon Labs' advanced power architecture
- Customer sampling expected in 2026