

# EFM8™ Sleepy Bee 8-bit MCU Device Starter Kits

## SLSTK2010A, SLSTK2011A

The Silicon Labs EFM8 Sleepy Bee Starter Kits are an excellent starting point to evaluate and develop very low power applications on the [EFM8 Sleepy Bee MCUs](#). These energy-friendly EFM8 MCUs are based on the popular 8051 core and are ideal for IoT systems processing data that comes from port I/O or sensor inputs. The SLSTK2010A and the SLSTK2011A starter kits can be used to evaluate EFM8SB1 and EFM8SB2 set of devices respectively. The kits are enabled with Advanced Energy Monitor (AEM) that can be used in conjunction with the Energy Profiler tool in [Simplicity Studio](#) for real-time current and voltage monitoring.



### Kits include:

- Integrated debugger
- Si7021 humidity and temperature sensor
- LCD display
- Pushbuttons
- 32 kHz crystal for Real Time Clock (RTC) operation
- LED (tri-color for SLSTK2010A, single-color for SLSTK2011A)
- 1 CR2032 coin cell battery
- 1 mini USB cable

## Capacitive Touch Sense Sleepy Bee Capable MCU Starter Kit - SLSTK2010A

This kit includes the most capable MCU in the capacitive sense family, EFM8SB10F8G-A-QFN24, operating up to 25 MHz. The EFM8SB10F8G-A-QFN24 MCU includes 8 kB of flash and 512 B of RAM and 14 capacitive sense channels.

[Buy Now](#)

## High Flash Capacity Sleepy Bee MCU Starter Kit - SLSTK2011A

This kit includes the EFM8SB20F64G-A-QFN32 MCU with 64 kB of flash and a maximum operating frequency of 25 MHz. The EFM8BB22F16G-A-QFN28 MCU also includes 4352 B of RAM.

[Buy Now](#)

## Adding Capacitive Sense Technology



Adding capacitive sensing to a product can be a daunting challenge that requires you to maintain sensor robustness and responsiveness while minimizing current consumption and addressing other system-level priorities of the product. Download this whitepaper to learn how to incorporate capacitive sensing into your design while still balancing other goals and priorities within the system.

 [Smart Capacitive Sensing Design Tips](#)

## Learn More About Silicon Labs' New EFM8 MCUs



The reliable 8051 core gets new life in Silicon Labs' EFM8 MCUs, bringing all the benefits of the 8051 into today's smarter, more connected world. Download this whitepaper to learn how Silicon Labs transformed the 8051's speed, design time, and integration while maintaining its proven architecture.

 [Proven 8051 Technology, Brilliantly Updated](#)



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