


Silicon Labs EFR32xG24 Dev Kit

SensiML Supported Development Kit	Processor	Wireless Gecko EFR32™ Arm® Cortex-M33, 32-bit (EFR32MG24)
 <p>The image shows the Silicon Labs xG24 Dev Kit (xG24-DK2601B) board. It is a black PCB with various components including a microUSB port, a J-Link debugger, a reset button, an LED, and several pins. The board is labeled with 'EFR32MG24', 'SILICON LABS', and 'SEGGER'. There are also labels for 'ADC', 'RESET', 'LED0', 'BTN1', and 'BTN0'.</p>	Pre-enabled Sensor Types	TDK ICM-20648 6DoF accel + gyro (data collection firmware), TDK ICS-43434 microphone (left side mic is active in default data collection firmware)
	Additional Available Sensors	Si7021 temp/humidity sensor, VEML6035 light sensor, BMP384 pressure sensor, CCS811 VoC sensor, Si7210 hall-effect sensor
	Available External Sensor Interfaces	UART, I2C, SPI, ADC (12-bit @ 1 Msps, 16-bit @ 76.9 ksps)
	Pre-enabled Connectivity	USB, Serial, BLE 5.3 (integrated EFR32 multi-protocol wireless)
	Programming Environment	IDEs: Silicon Labs Simplicity Studio IDE Compilers: Simplicity Studio, gcc, IAR, Keil
	Firmware Flashing	xG24 Dev Kit has built-in programming and debugger via microUSB connection to PC, no separate board or debug cable req'd
	SensiML Knowledge Pack Formats	Binary , Library , C Source
	Useful Links	SensiML Getting Started Guide , Solution Brief , Smart Building IoT Video Workshop , xG24 Smart Door Lock Demo

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