

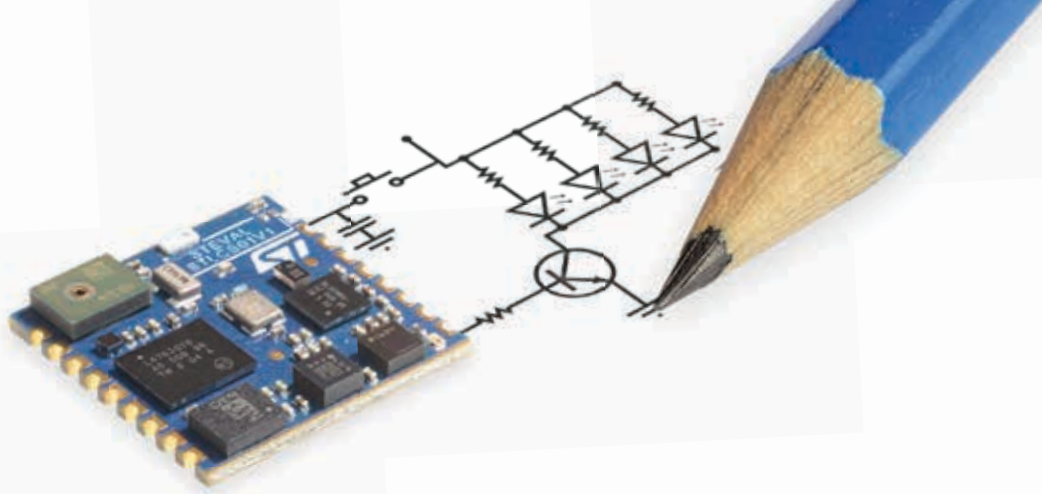


Introduction to Embedded Systems with the SensorTile

- An open source university-level coursework created for future embedded systems developers.
- All the building blocks you need to create genius IoT projects with a professional development tool.
- The easiest way to build IoT solutions with STM32 MCU, sensors, BLE.
- To inspire tomorrow's engineers.



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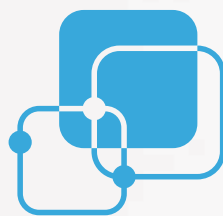
TUTORIALS

1. Introduction to the SensorTile platform and its development tools
2. Sensor System Signal Acquisition, Event Detection and Configuration
3. Accelerometer Sensor Systems and Orientation and Event Detection
4. Introduction to Audio Sampling and Signal Processing
5. SensorTile Firmware Programming
6. Introduction to Bluetooth Low Energy Wireless Interfaces
7. Introduction to Bluetooth Low Energy Communication and the GATT Profile
8. Introduction to Motion Data Acquisition via Bluetooth Low Energy Communication

REFERENCE DESIGN

1. Motion-Controlled Audio Signal Processing System

#SensorTile Curriculum



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