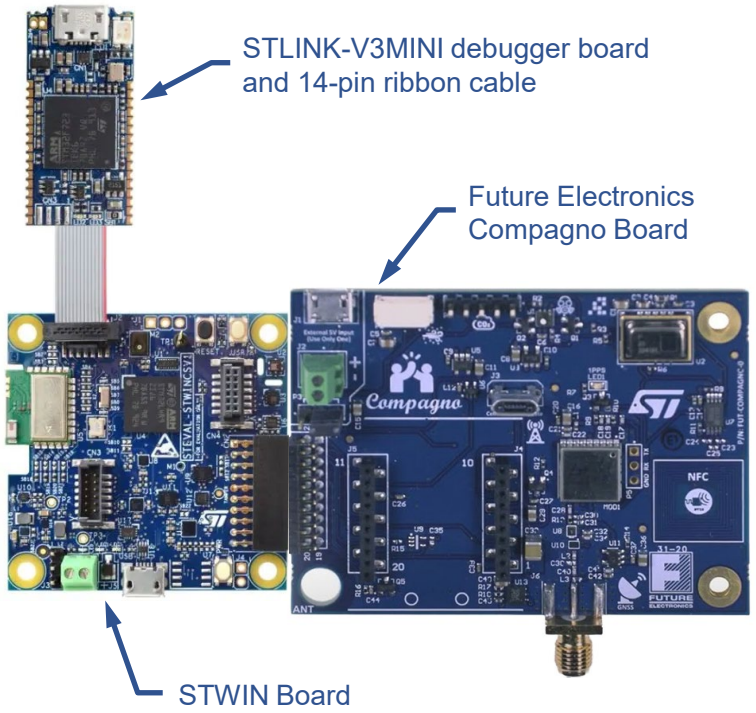
# STWIN* + Future Electronics* Compagno Sensor Board

| SensiML Supported Development Kit | |
|---|---|
|  **Future Electronics Compagno + STWIN (STEVAL-MKSBOX1V1)** | |
| **Processor** | STM32L4 Arm* Cortex*-M4, 32-bit (STM32L4R9) |
| **Pre-enabled Sensor Types** | Panasonic* GridEYE* 8x8 thermal array sensor, ST IIS3DWB 3DoF accel, ST IMP34DT05 microphone |
| **Additional Available Sensors** | Sensirion* SCD30 CO2 Sensor, ST LPS22HH pressure sensor, + others |
| **Available External Sensor Interfaces** | UART, I2C, SPI |
| **Pre-enabled Connectivity** | USB, Serial, Bluetooth* 4.2 BLE (ST BlueNRG-MS) |
| **Programming Environment** | IDEs: STM32CubeIDE*<br>Compilers: Arm Keil*, IAR Systems* |
| **Firmware Flashing** | Separate ST-LINK* (ex. STLINK-V3MINI) device and 14-pin ribbon cable required |
| **SensiML Knowledge Pack Formats** | Library, C Source |
| **Useful Links** | Solution Data Brief, Getting Started Guide, Compagno – SensiML Tutorial, Compagno Board Datasheet, SensiML STWIN Firmware |