



## Quick Start Guide

QG000117

# CCS801

## Standard Board

CCS801-DF\_EK\_ST

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# Content Guide

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# 1 Out of the Box

Each CCS801 evaluation kit comes with the following components:

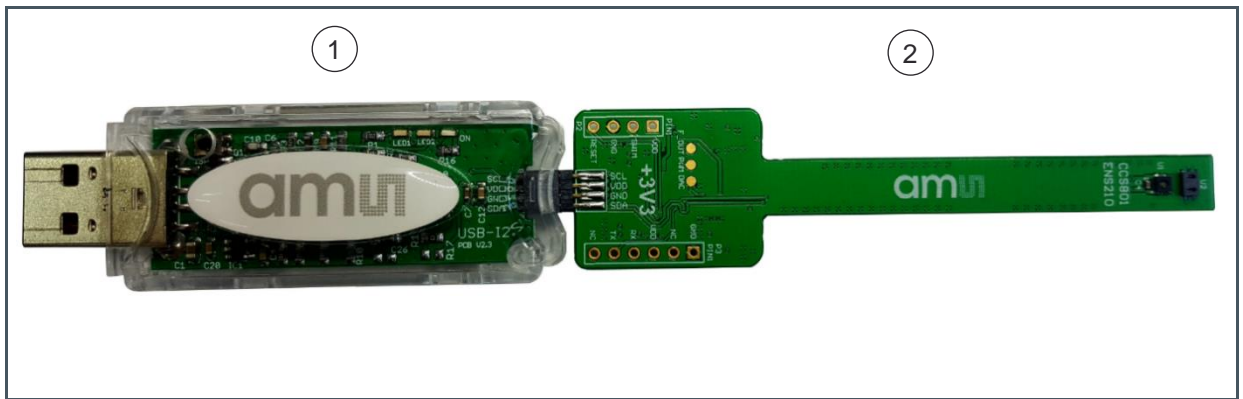
- CCS801 development board V4
- USB-I2C dongle (VDD: +3V3)
- Card with URL to download application software and documents



**For a detailed description of the CCS801 Standard Board, please refer to User Guide:**

- CCS801 User Guide (UG000369)

**Figure 1:**  
CCS801 Evaluation Kit



**1** USB-I2C Dongle

**2** CCS801 Development Board V4

## 2 Connect Hardware

Figure 2:  
Sensor ICs Facing Upwards



Figure 3:  
Sensor ICs Facing Downwards

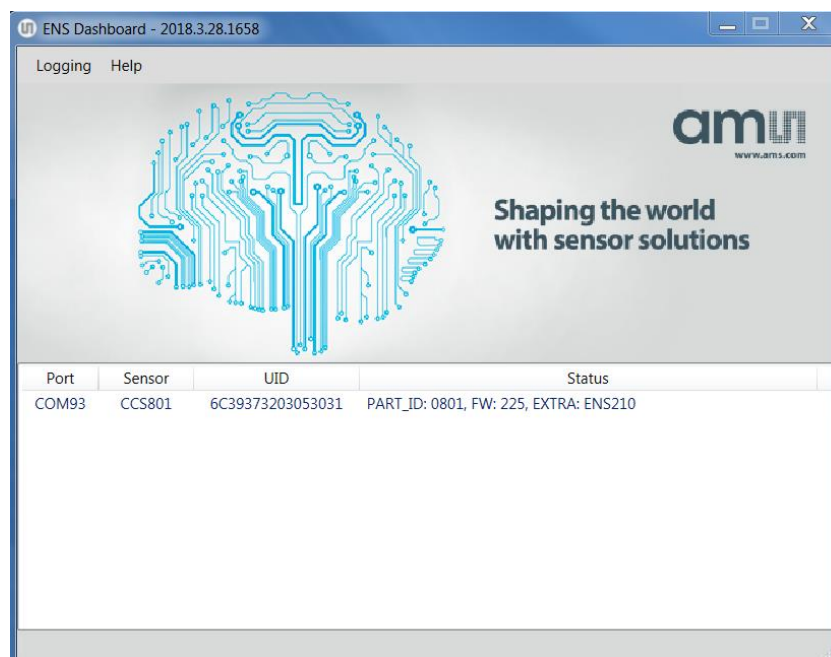


- Connect CCS801 development board V4 to USB-I2C Dongle as above Figure 2 or Figure 3. Both PCB sides may face up, which the 8-pin connector is rotated symmetrically.
- Connect USB-I2C dongle to Windows PC by USB port. The dongle should be detected as “USB-I2C Dongle (COMxx)” under “Ports (COM & LPT)”. This can be checked in Device Manager.
- For older Windows versions (below Win10), the CDC driver for the dongle needs to be installed. It is available at the below link, <https://ams.com/usbi2c>
- Installing Windows PC ENS dashboard application. Installer and User Guide for the Windows ENS dashboard are available at the below link, <https://ams.com/ensdashboard>

## 3 Start the Application

### 1. Launch ENS Dashboard

After setting up a hardware connection as section 2 (Connect Hardware) is completed and opens Dashboard, it will indicate COM Port number, CCS801 sensor, UID number, Part ID, firmware version and EXTRA: ENS210. Please note that different CCS801 development board will indicate different UID number and ENS Dashboard version will automatically update on line from time to time.



### 2. Double click "CCS801", a new window will pop up as below,

