

DK-20100

Development Kit for ICP-20100 High-Accuracy, Low Power, Barometric Pressure and Temperature Sensor

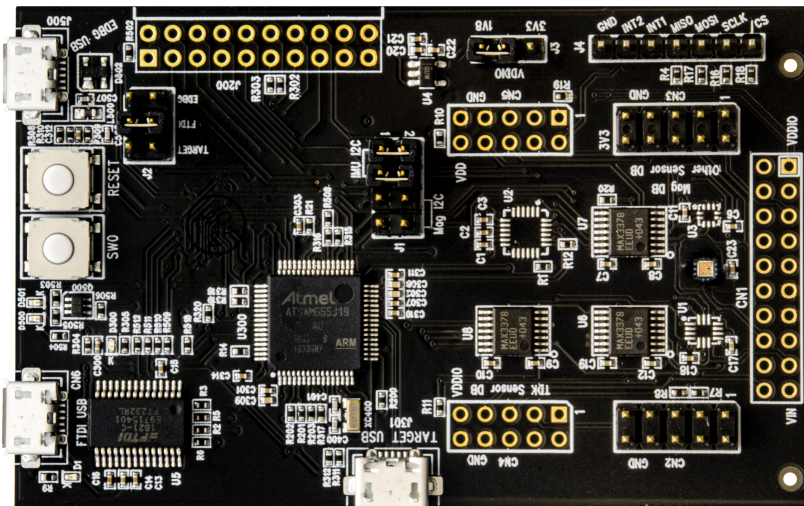
Overview

The DK-20100 is a comprehensive development platform for ICP-20100, a high-accuracy, low power, barometric pressure and temperature sensor.

The platform designed around Microchip G55 MCU can be used by developers for rapid evaluation and development of ICP-20100 based solutions. The DK-20100 includes an on-board Embedded Debugger so external tools are not required to program or debug the G55 MCU.

Key Features

- ICP-20100 barometric pressure and temperature sensor
- Microchip G55 MCU w/ 512KB Flash
- On-board embedded debugger for programming and debugging
- USB connectors for host interface to support software debug and sensor data logging
- Board power supply through USB



The development kit comes with necessary software including InvenSense MotionLink, a GUI based development tool and embedded Motion Drivers for ICP-20100.

Embedded Motion Drivers (eMD) consists of a set of APIs to configure various aspects of the platform including ICP-20100 sensor parameters such as Raw Data, and Calibrated Data (Temp in °C, Pressure in Pa).

MotionLink is a GUI based development tool included with the platform. It can be used to capture and visualize the sensor data from the motion sensor.

