

Analog Sensor Module features overview

Introduction

The Analog Sensor card is used to provide to the ECU sixteen analog signals, simulating [analog sensor](#) outputs. Each output signal can be adjusted within a voltage range specified by high/low reference voltages supplied to the card.

Up to 10 ASM cards can be inserted in one OP6200 chassis, although the reference model typically uses a maximum of 3 cards.

The board also has the following capabilities :

- Selection of individual or common [reference voltage](#)
- [Linear](#) instead of [ratiometric](#) outputs
- Over-current and over-temperature [fault conditions management](#)

The board also supports the following features, which are common to all OP6200 I/O boards :

- [Activity and status LEDs](#)
- [Battery voltage compatibility](#)
- [Cable Identification](#)
- [Firmware Update](#)
- [Module information](#)
- [Over-temperature detection](#)
- [Synchronization](#)

Architecture Overview

