

## FEATURES

### Hardware features

- **Scaleo chip easyCAN4HE ARM<sup>®</sup>-based microcontroller**
- **Communication interfaces :**
  - 4 CAN drivers
  - 2 LIN ports
  - 1 RS 232 communication port
- **Memories :**
  - 8 Kbytes SPI EEPROM
  - 512 Kbytes SRAM (if LCD glass not used)
- **Application features :**
  - 3 and 1/2 LCD glass or 16x2 characters LCD
  - 1 on-board buzzer
  - 3 LEDs for the Timer or I/Os
  - 3 programmable push buttons
- **On board ICE interface**
- **Standard ICE interface connector**
- **EBI expansion connector**
- **I/O expansion connector**
- **Support 7-18V DC power supplies**

### Software features

- **Software package :**
  - Chip Support package Library
  - Board Support package Library
  - Application examples and demonstration

### Documentations

- User's guide
- Hardware documentation
- Software documentation

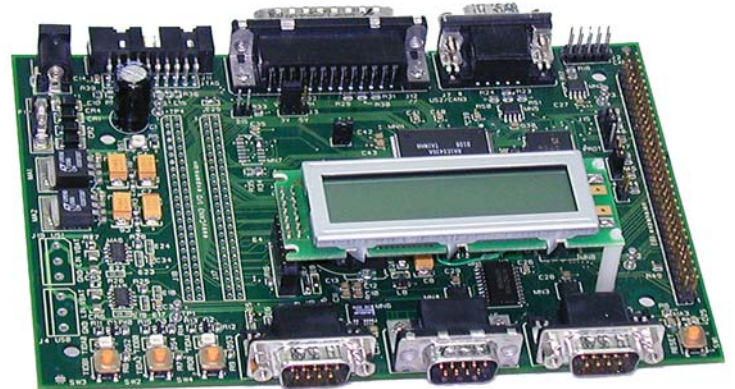
## OVERVIEW

The EVMCAN4HE is a low cost, easy-to-use, high performances and expandable development platform that lets you experiment and develop real-time CAN-based applications with the easyCAN4HE microcontroller.

The EVMCAN4HE also gives you the freedom to develop your own software on a PC and run it on the EVMCAN4HE board.

The EVMCAN4HE evaluation board is dedicated to the following markets :

- Automotive, for body electronic, multiplexed networks, comfort networks
- Industrial
- Medical
- Aeronautics



The power of the easyCAN4HE microcontroller (ARM<sup>®</sup>-based processor with 4 CAN modules) mixed with the easy to use and complete EVMCAN4HE evaluation package will allow the full development of a new application based on the easyCAN product family members.

