



Part Number : DM163011
PICDEM CAN-LIN 2 Demonstration Boards

Summary:

Microchip offers two similar PICDEM CAN-LIN demonstration boards to support different PICmicro® devices. All demonstrate the main features of the devices, especially those features of the integrated CAN module. In addition to the CAN network, the board also employs a LIN sub-network using Microchip's PIC16C43X and PIC18F320 device families.

Each PICDEM CAN-LIN demonstration board includes both firmware and PC software for simulating a CAN network. The firmware comes pre-programmed on the sample device. The PC software and documentation are furnished on a CD-ROM.

Features:

The kits all share the following common features

- On-board digital and analog +5V regulator for direct input from 12V AC/DC wall adapter
- Two on-board CAN nodes and optional external CAN bus connectors
- On-board LIN Bus master and slave node
- Optional external LIN Bus connector
- DB-9 RS-232 interface to IBM compatible PC
- Two optional ICSP ICD 2 connectors
- Optional header for LCD panel
- CAN Bus monitoring software for PC
- Devices preprogrammed with CAN Bus monitor firmware
- Generous prototyping area

PICDEM CAN-LIN 2 supports:

- 28-pin SDIP PIC18F258,2580,2680,2685 and 40-pin PDIP PIC18F458,4580,4680,4685 devices
- 20-pin PDIP PIC16C432 with integrated LIN Bus transceiver