![Chipsmall logo]

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
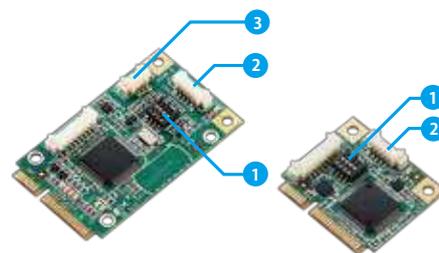Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Apacer In-Vehicle Embedded Modules

Features

- Full or Half mini PCI Express Card Compliant with CAN 2.0 A/B Specification
- Equips 2-Channel Individual CAN and 1-Channel J1708 Interfaces
- Baud Rate Setting:125/250/500/800/1000Kbps
- Vehicle Communication Protocols: OBD-II, J1939 and J1708
- Built-in Programmable CAN Identifier Filtering
- Sensor Integrated: 3D Gyroscope and 3D Accelerometer

1 CAN Function Switch
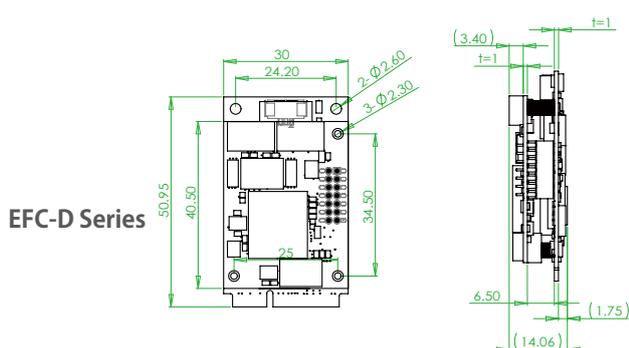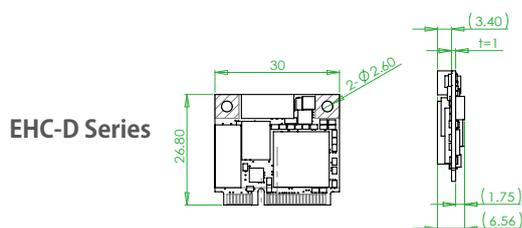**2** 2-Channel CAN Connector
3 J1708 Connector

Introduction

Apacer in-vehicle embedded modules can optionally support protocols from CAN 2.0 A/B, OBDII, J1939 and J1708. With Apacer in-vehicle embedded module, your system is allowed to get Car, Truck, Bus, Crane, Harvester and other commercial vehicle information easily.

Other powerful advantages as independent dual CANbus channels and 6 axis Motion Sensors on-board make the ideal solution for Fleet Management, Public Transportation Monitoring, Emergency Fleet Solution, Law Enforcement, In-vehicle Digital Signage , Vehicle Data Collection, Vehicle Tracking, Telematics System.

Specifications

Form Factor	Full or Half Mini PCI Express Card
Host Interface	USB 2.0 via PCI Express Mini Card Socket
Interface Number	CAN (ISO 11898) x 2 Individual Channels J1708 x 1 (EFC-D series Only)
Sensor	3D Gyroscope 3D Accelerometer
Protocol	CAN 2.0 A/B, OBD-II, J1939 and J1708
Identifier filtering	Mask and Identifier List Mode
Driver Support	Microsoft Windows 7 / 8.1 / 10 Linux Kernel 2.6 and 3.13
SDK Support	Microsoft Windows 7 / 8.1 / 10 Linux by Project
Operation Temp.	-40℃ ~ 85℃
Vibration Test	Pass 7.69G@ 20~2000Hz, compliant with MIL-STD-810G
ESD Protection	8kV Contact, 15kV air
Dimension (L x W x H)	Full Mini PCI Express Card: 50.9 x 30 x 6.56mm Half Mini PCI Express Card: 26.8 x 30 x 6.56mm

Dimensions

EHC-D Series

EFC-D Series

Ordering Information

Part Number	Description
APEHC-D10	Half Mini PCIE, 2 channels CAN 2.0A/B, G-sensor
APEHC-D30	Half Mini PCIE, 2 channels CAN 2.0A/B, OBDII, G-sensor
APEHC-D40	Half Mini PCIE, 2 channels CAN 2.0A/B, OBDII, J1939, G-sensor
APEFC-D50	Full Mini PCIE, 2 channels CAN 2.0A/B, OBDII, J1939, 1 channel J1708, G-sensor

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