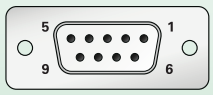
CONTACT THAILAND DISTRIBUTOR - TECHSQUARE CO., LTD.
TEL +666-5559-6050 EMAIL sales@techsquare.co.th SITE www.techsquare.co.th

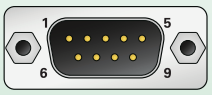
PCAN-AU5790

Bus Converter High-Speed CAN to Single-Wire CAN

The PCAN-AU5790 bus converter establishes a connection between a High-speed CAN bus (ISO 11898-2) and a Single-wire CAN bus (SAE J2411). One of the most important potential applications of the bus converter is a simple connection between a PEAK CAN interface (e.g., PCAN-USB) and a Single-wire CAN bus.



Female D-Sub Connector	Pin	Pin assignment High-speed CAN (82C251)
	1	5V Power supply
	2	CAN-L
	3	GND
	4	Not connected
	5	Not connected
	6	GND
	7	CAN-H
	8	Not connected
	9	Not connected / optional +5V

Male D-Sub Connector	Pin	Pin assignment Single-wire CAN (AU5790)
	1	Not connected
	2	Not connected
	3	GND
	4	Not connected
	5	CAN
	6	GND
	7	Not connected
	8	Not connected
	9	V_{BAT}

Specifications

- There are three different operating modes for the SW-CAN side which can be set using a sliding switch. Normal (33.3 kbit/s), High-speed (83.3 kbit/s) and wake-up
- Indicator LEDs for power supply (red) and wake-up signals (yellow)
- 5-Volt power supply (150 mA) through HS-CAN connection (a current list of PEAK CAN interfaces with suitable supply voltage is available on request)
- If the power supply has a current output lower than 150 mA, an additional 12-Volt supply is needed via the SW-CAN connector
- Operating temperature range from 0 to 70 °C (32 to 158 °F)

Ordering information

Designation	Part No.
PCAN-AU5790	IPEH-002040

Scope of supply

- Adapter in plastic casing
- Manual in PDF format