

Product Information

Kvaser DRVcan



A Kvaser DRVcan is combined cable, connector and CAN bus driver for the LAPcan Pccard CAN interface. The DRVcans are interchangeable and designed for maximum flexibility and maintainability.

Our most common DRVcan cables DRVcan 251 contains an industry standard, highspeed CAN driver circuit (Philips 82C251) and the appropriate protective circuitry.

DRVcan 1050 contains an industry standard, highspeed CAN driver circuit (TJA 1050) and the appropriate protective circuitry.

DRVcan 1053 contains a CAN driver circuit (Philips TJA 053) and the appropriate support circuitry. This driver is specially suited for lowspeed networks and has special fault detection and fallback features.





Specification

Product	Transceiver	Baudrate range	Power	Pin Layout SUB-D Connector	Preferred Application area	Specific Features
DRVcan 251	82C251	1 Mbit high speed	Supplied by LAPcan	2 = CAN_L 3 = GND 5 = shield 7 = CAN_H	Automotive, automation avionics, space tech. marine electronics	
DRVcan 1050	TJA 1505	50 kbit to 1 Mbit	Supplied by LAPcan	2 = CAN_L 3 = GND 5 = shield 7 = CAN_H	Automotive, automation avionics, space tech. marine electronics	
DRVcan 1053	TJA 1053	125 kbit low speed	Supplied by LAPcan	2 = CAN_L 3 = GND 5 = shield 7 = CAN_H	Automotive, automation (body electronics bus)	
DRVcan 1054	TJA 1054	125 kbit low speed	Supplied by LAPcan	2 = CAN_L 3 = GND 5 = shield 7 = CAN_H	Automotive, automation (body electronics bus)	
DRVcan Dnopto	82C251 HP7101 or compatible opto-couplers	1 Mbit high speed	Supplied by LAPcan	2 = CAN_L 3 = GND 5 = shield 7 = CAN_H	Automotive, automation avionics, space tech. marine electronics	
DRVcan FI	82C251	1 Mbit high speed	Supplied by LAPcan and CAN bus	2 = CAN_L 3 = GND 5 = shield 7 = CAN_H 9 = VB+	EMC measurements	
DRVcan S	AUS5790D	100 kbit	Supplied by LAPcan and SWC bus	3 = GND 5 = shield 7 = CAN_H 9 = VB+	Automotive, automation avionics, space tech. marine electronics	
DRVlin	MC33399 HCPL0600 or compatible opto-couplers	1 to 20 kbit	Supplied by LAPcan and LIN bus	3 = GND 4 = LIN 5 = shield 9 = VB+	Automotive, automation avionics, space tech. marine electronics	
T & T	ATMEL B10011S	250 kbit	Supplied by LAPcan	2 = CAN_L 3 = GND 5 = shield	Trucks & Trailers	Requires external T-connector for proper termination