

CAN 2.0B USB Mini-PCle Card

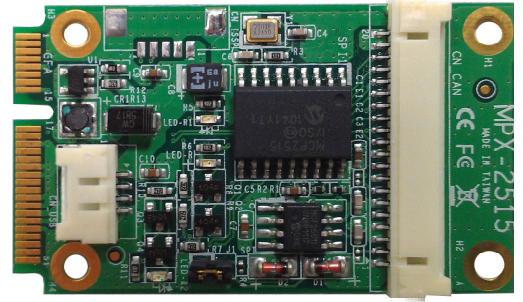
MPX-2515

Cypress CY8C24794-24LTXI PSoC

Microchip MCP-2515 CAN Controller

Microchip MCP-2551 CAN Transceiver

PCIE Minicard USB Interface



Form Factor	Mini-PCI Express
Controllers	Cypress CY8C24794-24LTXI PSoC Microchip MCP-2515 CAN Controller Microchip MCP-2551 High-Speed CAN Transceiver
USB	USB 2.0 full speed
CAN	Controller Area Network V2.0B Implements ISO-11898 Standard Physical Layer Supports 1 Mb/s operation (125 Kbps default) Receive buffers, masks, filters, and data byte filtering Supports one-shot mode 5 mA active current (typical); 1uA standby current (typical) (sleep mode) Power-on Reset and voltage brown-out protection Detection of ground fault (permanent Dominant) on TXD input Up to 112 nodes can be connected 120 Ohm line termination; enabled/disabled by jumper More protections: <ul style="list-style-type: none"> • IEC 61000-4-2 Electrostatic Discharge (ESD) ± 15KV (air/contact) • IEC 61000-4-4 Electrical Fast Transients (EFT) 50A (5/50ns)
Software	Support Windows 32/64-bit versions Provide API and SDK for Windows
Power Requirement	USB 2.0 bus +5V power or Mini-PCle +3.3V power
Dimension	30.00mm x 50.95mm
Temperature	0 to +60 Celsius (operating)

Ordering Code

MPX-2515	MPX-2515 card with more protections (OAL-2515 cable included)
OALUSB-H4-1	Cable to connect USB header to a USB Type A plug (option).
OALUSB-H4	Cable to connect USB header to a USB header on motherboard (option).