

Catch our keynote at Computex: NXP CTO Lars Reger unveils our "Brighter Together" approach

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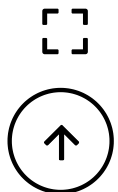
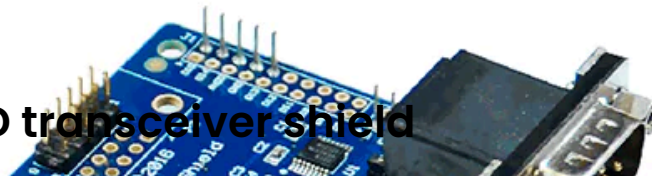
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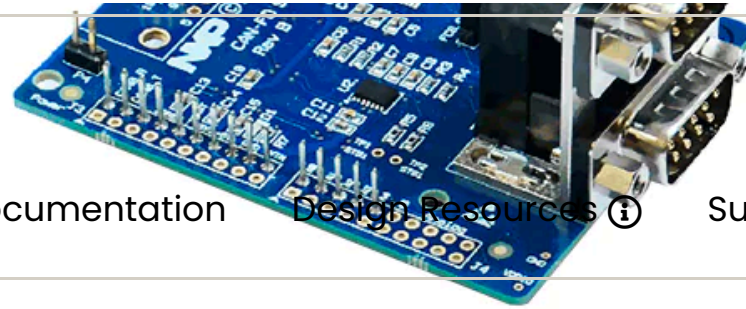
Dual CAN-FD transceiver shield

OM13099 [Receive alerts ⓘ](#)

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Dual CAN-FD transceiver shield





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The OM13099 CAN-FD shield provides a dual CAN/CAN-FD transceiver for use with CAN-enabled LPCXpresso V3-style boards. The board features the NXP TJA1059 dual transceiver, plus an RS232C transceiver. This shield board is compatible with all the LPCXpresso546xx boards (although LPCXpresso54608 only supports classic CAN, not CAN-FD).

Configuration and operation of the OM13099 are described in the User Manual for the LPCXpresso546xx family devices.



Product Details

Supported Devices | Features

Supported Devices

Processors and Microcontrollers

LPC54000 Arm Cortex-M4

- **LPC546XX** (/products/processors-and-microcontrollers/arm-microcontrollers/general-purpose-mcus/lpc54000-arm-cortex-m4-/power-efficient-microcontrollers-mcus-with-advanced-peripherals-based-on-arm-cortex-m4-core:lpc546xx): Power-Efficient Microcontrollers (MCUs) With Advanced Peripherals Based on Arm® Cortex®-M4 Core

Interfaces



3.3 V / 5 V IO CAN
Transceivers

- **TJA1059TK** (/products/interfaces/can-transceivers/can-with-flexible-data-rate/dual-high-speed-can-transceiver-with-standby-mode:TJA1059TK): Dual High-Speed CAN Transceiver with Standby Mode

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Features

Transceiver

- NXP TJA1059 dual CAN-FD transceiver
- Dual RS232C transceiver

Connectivity

- Jumpers to enable/disable CAN/CAN-FD termination
- Dual DB9 connectors for easy connection of CAN/CAN-FD to test equipment and other systems

Buy Options

