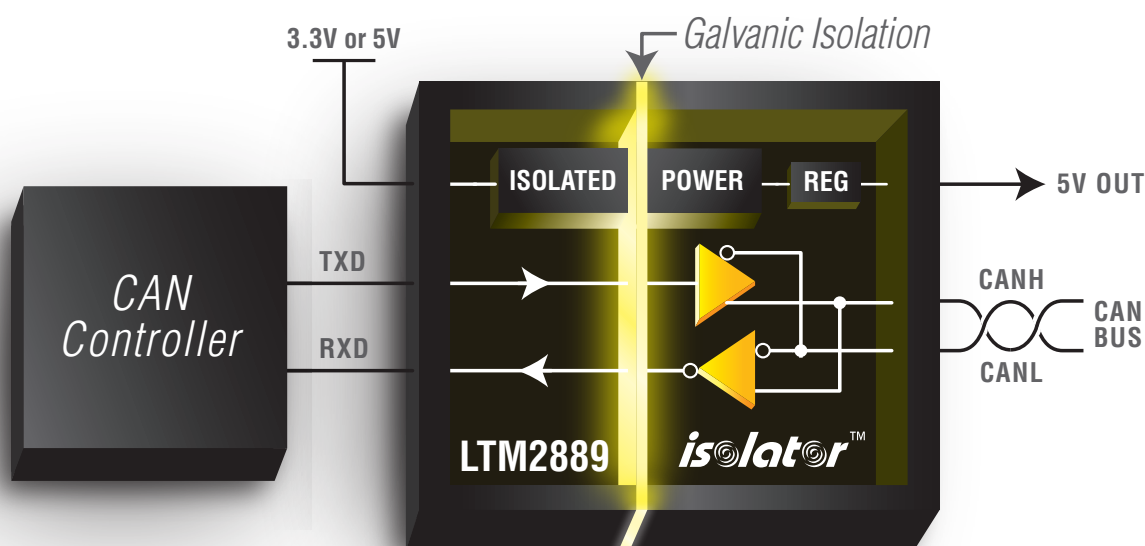


Isolated CAN + Power

Rugged 4Mbps μ Module CAN Transceiver
Features 2500V_{RMS} Isolation and ± 25 kV ESD Protection

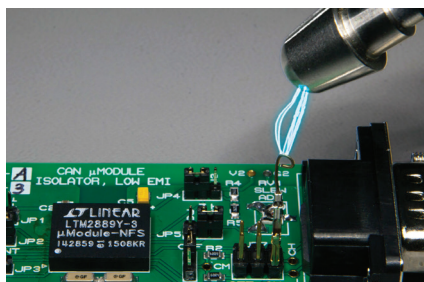


The LTM[®]2889 is a robust isolated CAN transceiver that breaks ground loops by isolating the logic level interface and line transceiver. An onboard DC/DC converter powers the transceiver and provides 0.75W for powering additional system circuitry. The ISO 11898-2 compliant CAN transceiver supports an extended common mode range of ± 36 V, is ± 60 V fault protected and ± 25 kV ESD protected, and provides uninterrupted communication during common mode transients over 30kV/ μ s. This ensures high system reliability under the harshest operating conditions.

▼ Features

- Isolated 4Mbps CAN Transceiver
- 2500V_{RMS} for 1 Minute per UL1577
- Up to 150mA Isolated Power Output
- ± 60 V Fault Protection
- High Common Mode Transient Immunity: 30kV/ μ s
- ± 25 kV ESD Transceiver Interface
- 15mm x 11.25mm BGA Package

LTM2889 ± 25 kV ESD Protection



▼ Info & Free Samples

www.linear.com/product/LTM2889

www.linear.com/products/umodule_solutions

1-800-4-LINEAR

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