**Objective**

CAN is a serial bus with a message-based protocol designed specifically for automotive applications but can also be used in other areas such as industrial automation and medical equipment. Bit rates up to 1 Mbit/s are possible at network lengths below 40 m. This solution provides protection from high energy surges originating from switching and/or higher voltage transients.

**Solution**

2 TBU® High-Speed Protectors: TBU-CA065-100-WH
2 MOVs: MOV-10D201K
2 TVS Diode Arrays: CDSOT23-T12LC

**Compliance**

IEC 61000-4-4 EFT
IEC 61000-4-5 Surge / Lightning

**Alternate Recommendations**

- 2x CDSOT23-S2004

**Benefit**

This solution is designed to protect the interface from surge events.

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The schematic above illustrates the application protection and does not constitute the complete circuit design. Customers should verify actual device performance in their specific applications.