



NEW PRODUCT RELEASE

MAGNETICS



Bourns Releases AEC-Q200 Compliant, Automotive Grade BMS Signal Transformer

Model SM91572AL

Riverside, California - July 16, 2026 – The Bourns® [Model SM91572AL](#) is an AEC-Q200 compliant, automotive grade, single-channel functional insulation transformer with integrated common mode chokes for battery management system (BMS) communication paths.

The integrated common mode chokes eliminate the need for external filtering components, resulting in a shorter BOM for automotive and energy storage BMS designs. The transformer supports serial daisy-chain and IsoSPI communication and is developed for use with Analog Devices' LTC681x, NXP's MC33771/MC33772, and Texas Instruments' BQ79616 devices.

Features

- Pin auto-termination
- Hi-Pot: 3000 VAC
- Working voltage: 1000 VDC
- Single channel with integrated choke
- Developed for use with Analog Device's LTC6804-1/681X, NXP's MC33771/ 33772 and TI's BQ79616
- AEC-Q200 and RoHS compliant*
- Functional insulation
-  **AUTOMOTIVE GRADE**

Applications

- Battery management systems (BMS) in hybrid and electric powertrain systems
- Energy storage battery packs with battery management systems

Please visit the Bourns website at www.bourns.com for additional product details and contact [Bourns Customer Service/Inside Sales](#) if you have any questions.

Additional Information

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* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

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