

**LICENCE HOLDER**

**ALLEGRO MICROSYSTEMS**  
115 NE CUTOFF WORCESTER, MA 01606  
USA

**Project-No/-ID**

**LICENSED TEST MARK**

**Report No.**

**G156**



**G1560002**

**Tested according to**

ISO 26262 : 2011

**Certified Product(s)**

**Automotive, Full-Bridge MOSFET Driver A3922**

**Technical Data/Parameter**

The component is approved for the use in ASIL D rated item applications. Following top level safety requirements are covered:

- Prevent MOSFET turn on when not commanded
- Prevent MOSFET turn-on upon occurrence of dangerous condition  
(including VREG Undervoltage, Bootstrap undervoltage, VBB undervoltage, VDS Overvoltage, Logic Supply Undervoltage)
- Turn off all MOSFETs when commanded by common disable input

**Specific Requirements**

The certificate is for type approval and based on a detailed functional safety assessment. Any changes to the design, materials, components or processing may require repetition of some of the assessment steps in order to retain type approval. The certificate report is an integral part of this certificate. All requirements and specifications of the current valid revision of this report shall be met.

**Certification Body  
for Functional Safety  
SGS-TÜV Saar GmbH**

Munich, 31.07.2015

  
Marcus Rau

*The test mark regulation is an integral part of this certificate.*

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