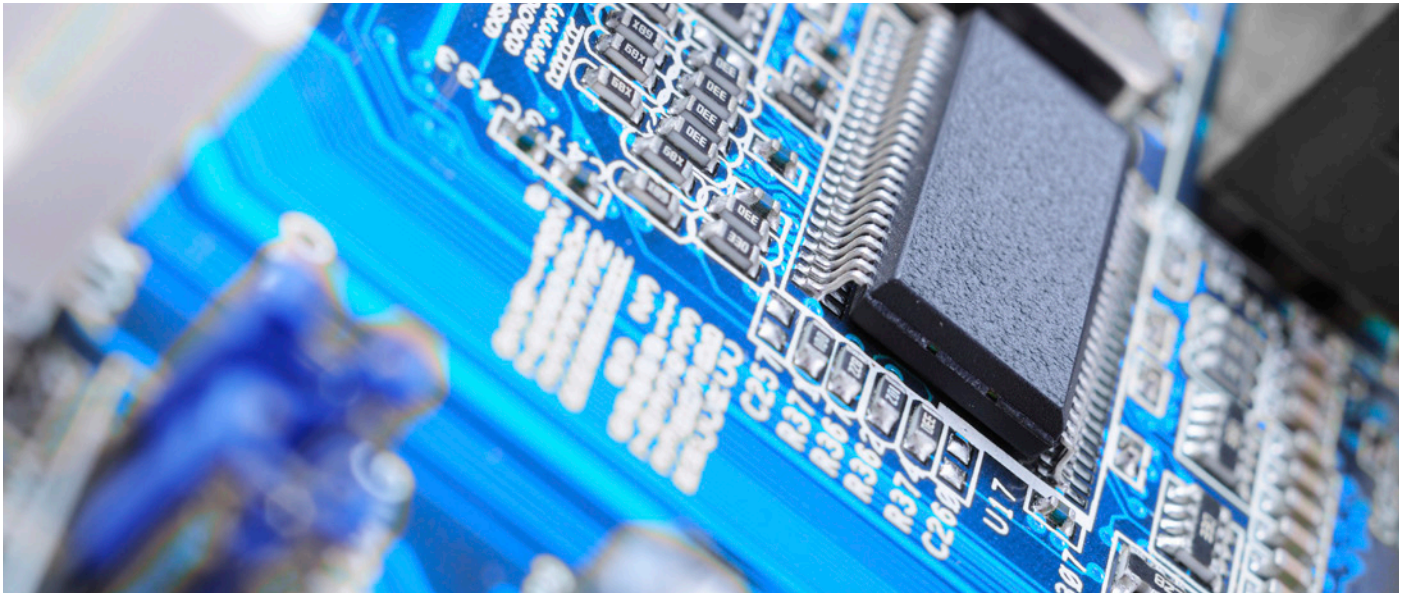


Product Qualification for On-Board Diagnostics Data Loggers



Data Loggers in Road-Use

Manufacturers and service providers continuously expand their range of vehicle telematics and fleet management products.



In common applications, external data loggers are connected to the cabling of the vehicle network for collecting data via the on-board diagnostics interface. As the devices are mounting parts of the vehicle and used on public roads, manufacturers, service providers and also vehicle drivers need certainty that error-free and safe operation of the deployed products is guaranteed. Thus, compliant operation according to homologation regulations and technology standards has to be verified.

With TÜV NORD product qualification, manufacturers prove that their products have been tested by independent experts, based on relevant quality criteria and technology standards.

Verified Product Quality

Following successful testing, manufacturers receive independent confirmation of the product quality and its compliance in accordance with the underlying test catalogue.

The manufacturer gains the right to label the verified product with the TÜV NORD type examination test mark.

The product qualification process was designed in accordance with product and customer specific requirements. Thus, the test catalogue is specially tailored to OBD-enabled data loggers for M2M use cases. According to the customer specific needs, the product qualification can comprise different standardized tests and qualification measures, as for example for verifying

- Functional compliance with the OBD-II standard
- Electromagnetic compatibility according to UN ECE R 10 requirements (type approval)

Of course it is possible to expand the product qualification for verification of additional product-specific functionality or functional safety requirements.

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