



Automotive Power Module Qualification Guideline AQG 324 released by the European ECPE Network

Nuremberg, 12 April 2018

The ECPE Guideline AQG 324 **‘Qualification of Power Modules for Use in Power Electronics Converter Units (PCUs) in Motor Vehicles’** has been released by the responsible ECPE Working Group ‘Automotive Power Module Qualification’ comprising more than 30 ECPE member companies from the automotive market.

This guideline is based on the supply specification LV 324 which has been developed a few years ago by German automotive OEMs together with representatives from the power electronics supplier industry in a joint working group of ECPE and the German ZVEI association.

The qualification guideline defines a common procedure for characterizing module testing as well as for environmental and lifetime testing of power electronic modules for automotive application. The ECPE Guideline is a publicly accessible document which is available on the ECPE web site (www.ecpe.org).

The present version V01.05 dated 12 April 2018 focuses on Si-based power modules where future versions to be released by the ECPE Working Group will also cover the new wide bandgap power semiconductors SiC and GaN.

About ECPE

ECPE is an industry-driven Research Network in the field of Power Electronics with 180 member organizations in Europe comprising 85 industrial members and 95 university and research institutes.

The three main areas of activities in the ECPE Network are pre-competitive joint research, education and advanced training as well as public relations and lobbying to raise awareness for the role and importance of power electronics.

Contact: **ECPE European Center for Power Electronics e.V.**
Dipl.-Phys. Thomas Harder
General Manager
Landgrabenstr. 94, 90443 Nuremberg
Phone +49 911 8102 880
thomas.harder@ecpe.org
www.ecpe.org