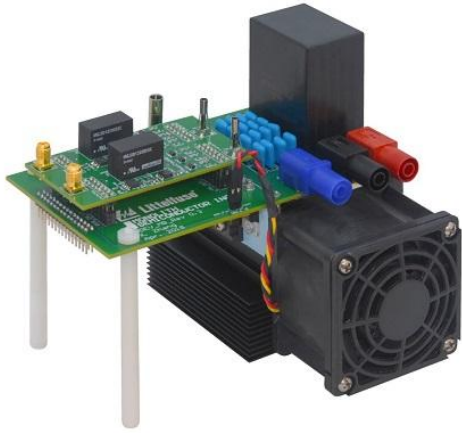


## SIC-EVB-GDEV1 Gate Drive-Evaluierungsplattform



The Gate Drive Evaluation Platform is designed to enable users to:

- Evaluate continuous operation of SiC power MOSFETs and diodes under rated voltage and rated current with real power delivery
- Analyze system-level impacts associated with SiC-based designs
  - Efficiency improvements
  - EMI emissions
  - Passive components (size, weight, cost)
- Compare the performance of different gate driver solutions under well-defined and optimized test conditions
- Test gate driving circuits under continuous working conditions to evaluate gate driver thermal performance and EMI immunity