

Power Electronics needs Intelligent Solutions.

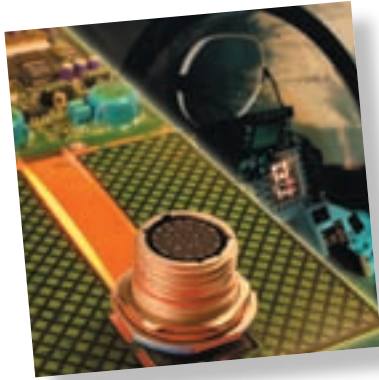
The GED logo consists of the letters 'GED' in a bold, white, sans-serif font, set against a red square background. The square is slightly tilted and has a white border.

The GED Technology-Toolset for High Current Electronics

A close-up photograph of a red, rectangular power module with a ribbed top surface. The text 'GED Powermodul C2100' is embossed on the front edge. The module is mounted on a dark surface and has several electrical connections, including a large brass terminal and a smaller silver terminal. A small yellow light is visible on the top surface. In the background, a circular component with the 'SENEC' logo is partially visible.

GED Powermodul C2100

GED. We provide strong connections.



The Future of Driving Technology and Energy Supply has started!

We convert your power electronic projects into up-to-date modern package and connection solutions. Your circuit schematic is packaged into a customized design.

New High Current Concepts for your Power Electronics

The combination of packaging, thermal decoupling, mounting and connection technology with new μ C-based controls are therefore the key to provide for you an innovative, cost optimised product.

PCB – optimised Multilayer for efficient Thermal Decoupling and Isolation

The GED technology-toolset offers to you – depending on power levels and applications – different types of high current PCB's, for the efficient thermal decoupling and optimum of electrical isolation.

Component controlling – through proven Hard- and Software Modules

To control LED's, MOSFET's and other components, GED uses proven Hardware- and Software modules. Furthermore are implemented PWM, OPEN LOAD DETECTION, current and temperature measurements, as well as different Bus systems, such as CAN- or LIN-Bus.



GED. We provide strong connections.

Connection and Housing Technology – suitably for a Power Level and Application

As for connection and housing technology, the high current developments are variable: GED provides different state-of-the-art connection elements and housings consisting of thermal high-conducting plastics or of Aluminium.

High Current All-Round Service – Thermal Concept, Development, Design and Production

The GED high current all-round service offers for you optimised development and design solutions. This is coupled with punctuality – including quality and system tests within GED's own high current facility:

- From consulting and thermal concepts, based on a thermal simulation,
- via connection technologies and mechanical construction including housing development,
- the development and design of a high-current solution,
- up to tests as well as PCB production and component mounting.

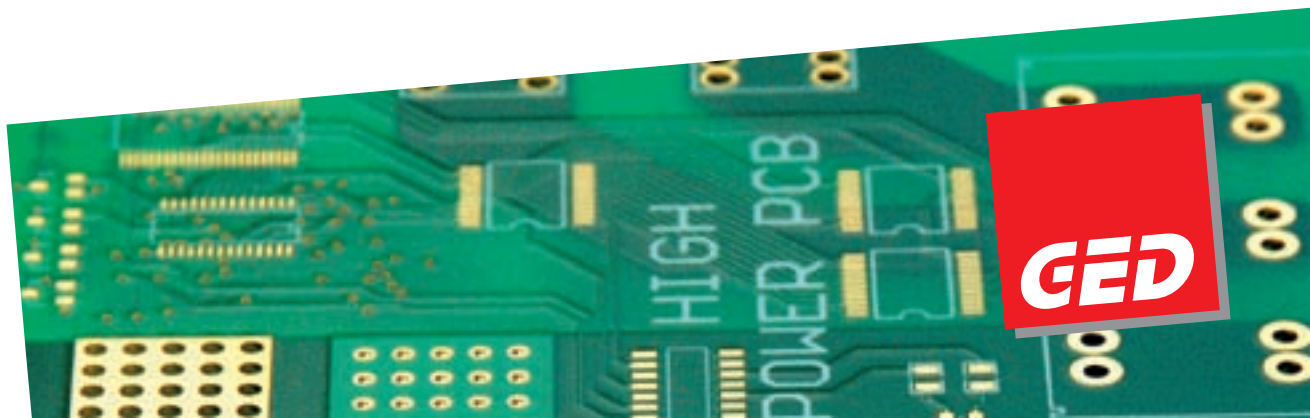
Use the GED technology-toolset for optimised high current solutions!

400 A

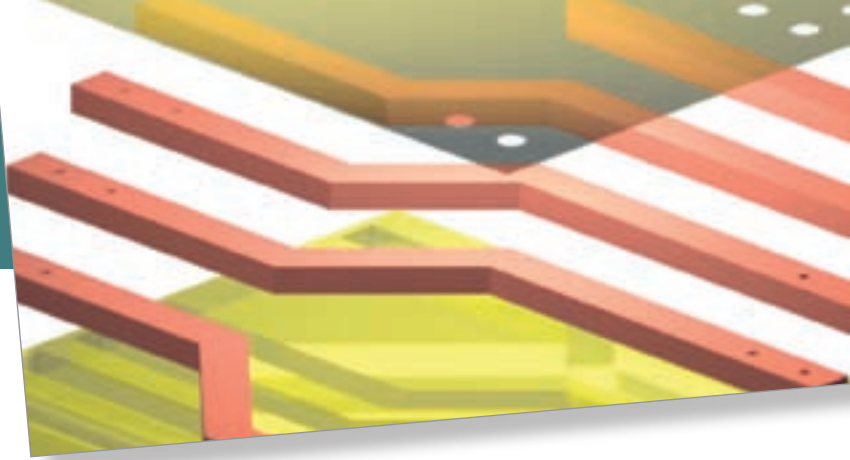
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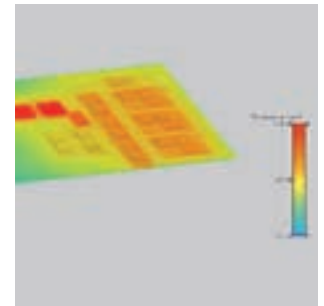
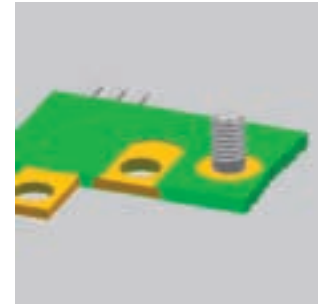
Increase in Output.
Cost Optimisation.
Increase in Reliability.



GED. You can expect more.

- PCB and connection solutions for your power electronics.
- Consulting, development and design, simulation and test, subunits and production.
- Connection technology, thermal decoupling, high current directivity.
- Contactless switching and intelligent power modules.

Power electronics for lighting, driving controls, automotive, telecommunication, household devices and environmental technology.



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GED. High power, high density, high speed.