

ROHM SiC POWER MODULE GATE DRIVER PCB CIRCUIT ANALYSIS REPORT

February 2020. LTEC Corporation released a circuit analysis report of a Rohm SiC Power module gate driver PCB used in the Honda Clarity Fuel Cell Vehicle (FCV).



Gate driver PCB: 84.7mmx49.6mm/6 layers

Note:

LTEC Corporation also released a power module **structure analysis report** and a Power module **process flow analysis report** for this module.

SiC Power module

Product outline

When the Honda Clarity FCV was released in March 2016, this product was the first ever released SiC power module for mass-production. The SiC devices were used in the boost converter to boost the output voltage of the fuel cell stack up to 500V. The FET and Schottky barrier Schottky diode were both SiC devices.

Report content

The 25-page report includes the PCB outline, layout of each layer, function block diagram, detailed circuit diagram, and parts list.

A schematic vs. layout cross reference viewer is also provided.

Report price: \$7,200

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