

New Release

LTEC Corporation

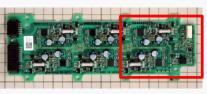
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NIDEC INVERTER ANALYSIS REPORTS

- Product used in the Guangzhu AION-S EV

LTEC Corporation released a teardown report and a detailed circuit analysis report of the control PCB and the Gate driver PCB.







Inverter unit Gate Driver PCB Control PCB

Product outline

- The Aion-S I s the EV manufactured by Guangzhou automobile (Chinese car maker). The mileage per charge is 510km (specification).
- This is the first E-Axel inverter product from Nidec. E-Axel is the inverter that integrates the traction motor, the gearbox and the inverter.
- Control PCB: Nidec, Gate driver PCB: Meidensya, Power module: Hitachi

Report content & Price

Report Type	No. of pages	Contents	Report number
Teardown report	25	Teardown, component list excluding gear box and motor unit.	19G-0017-1
Circuit analysis report	42	PCB layer images, component list Function block diagram, component level schematic, cross reference viewer tool	19G-0017-2

Note 1: Since there are the identical circuits in the gate driver PCB, the detail ed circuit analysis was performed for one of them (area within the in the image above)

Note2: The report price may change over time. For current price contact info@ltecusa.com.

19G-0017-1,2



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