New Release

LTEC Corporation

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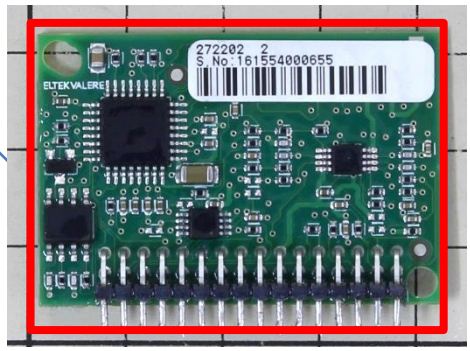
VOLVO V60 PHV ON BOARD CHARGER (OBC)DETAILED CIRCUIT ANALYSIS REPORT

October 2017. LTEC Corporation released a circuit analysis report of the On board charger of Volvo V60 PHV (2015model). Main features of this OBC are 3.5kW(220V/16A), Single phase AC Charger and water cooling system. This module consists of three PCBs(PFC control board, charger control board and power stage board).

Power stage board

Charger control board



PFC control board

Key attributes:

1. Power Stage consists of input filter, PFC and LLC Current Resonant Half-Bridge converter.
2. The protection function built in each control boards (PFC control board and Charger control board)
3. Communication with the outside is performed by the CAN transceiver and DSP in Charge control board.

The 59 page report provides details of the PCB layout, BOM, and circuit schematic diagram.

Note:

The listed report price may not be accurate as it decreases over time.

Please contact us for current report pricing info@ltecusa.com

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