

331j optocoupler driver circuit without module

The ACPL-331J contains a AlGaAs LED. The LED is optically coupled to an integrated circuit with a power output stage. ACPL-331J is ideally suited for driving power IGBTs and MOSFETs used in ...

Broadcom ACPL-33xJ Optocouplers are fully featured, 2.5A/4.0A smart gate drive optocoupler devices capable of directly driving high-power MOSFETs or IGBTs.

The ACPL-331J satisfies these criteria by combining a high speed, high output current driver, high voltage optical isolation between the input and output, local IGBT desaturation detection and shut ...

The ACPL-331J is a highly integrated power control device that incorporates all the necessary components for a complete, isolated IGBT / MOSFET gate drive circuit with fault protection and ...

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ntegrated circuit with a power output stage. LTV-331J is ideally suited for driving power IGBTs and MOSFET used in motor control inverter applications. The voltage and current supplied by these ...

The circuit of Figure 13 shows how a PNP transistor is connected as an emitter follower, or common collector, to obtain current gain. When the output of the gate (G1) is low, Q1 is turned on ...

When designing and building driver circuits for an IGBT/MOSFET, the following will need to be taken in to consideration to prevent unwanted voltage spikes, oscillation or ringing, and false turn-on.

The ACPL-331J is an advanced 1.5 A output current, easy-to-use, intelligent gate driver which makes IGBT VCE fault protection compact, affordable, and easy-to implement.

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Download ACPL-331J datasheet PDF and view specifications. Driver Optocoupler from Avago Technologies. Pricing from 6.02 USD, available from Newark and TME.

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