

Ir2153 High Voltage Inverter





Overview

What is ir2153d IC?

The IR2153D is an improved version of the popular IR2155 and IR2151 gate driver ICs, and incorporates a high voltage half-bridge gate driver with a front-end oscillator similar to the industry standard CMOS 555 timer. Note: Complete Technical Details can be found in the IR2153 datasheet given at the end of this page. IR2153 Equivalent ICs.

What is an ir2153 gate driver IC?

The IR2153 is an improved version of the popular IR2155 and IR2151 gate driver ICs. The IR2153 provides more functionality and is easier to use than previous ICs. A shutdown feature has been designed into the CT pin, so that both gate driver outputs can be disabled using a low voltage control signal.

What makes ir2153 unique?

The IR2153 stands out as a resilient and adaptable integrated circuit, admired for its array of advanced features tailored to elevate both efficiency and performance. One of its notable aspects is the integrated 600V gate driver, an element pivotal in managing and controlling power levels effectively in high-voltage contexts.

What is ir2153 Max Voltage?

Max. Because of the IR2153's application specificity toward off-line supply systems, this IC contains a zener clamp structure between the chip VCC and COM which has a nominal breakdown voltage of 15.6V.



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Data Sheet No. PD-6.062A IR2153

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