

Power Driver ICs Hlf Brdg Drvr Soft Trn On Sngl 500ns

Manufacturers [Infineon Technologies Corporation](#)

Package/Case PDIP-8

Product Type Power Management ICs

RoHS Rohs

Lifecycle



Images are for reference only

Please submit RFQ for IR2302PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

600 V Half Bridge Driver IC with typical 0.2 A source and 0.35 A sink currents in 8 Lead SOIC package for IGBTs and MOSFETs. Also available in 8 Lead PDIP.

Features

Floating channel designed for bootstrap operation

Fully operational to +600 V

Tolerant to negative transient voltage

dV/dt immune

Gate drive supply range from 5 to 20 V

Undervoltage lockout for both channels

3.3 V, 5 V and 15 V input logic compatible

Cross-conduction prevention logic

Matched propagation delay for both channels

High side output in phase with IN input

Logic and power ground +/- 5 V offset

Internal 540ns dead-time

Lower di/dt gate driver for better noise immunity

Shut down input turns off both channels

8-Lead SOIC also available LEAD-FREE (PbF)

Application

Motor control and drives

Robotics

Home and building automation

Power tools

Wireless charging

Multicopters and drones

Power tools

Related Products



[IRS2101SPBF](#)

Infineon Technologies Corporation
SOIC-8



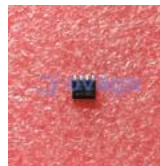
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SOIC-14



[IR3898MTRPBF](#)

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