

Driver 600V 0.6A 2-OUT High and Low Side Half Brdg Non-Inv 8-Pin SOIC N Tube



Images are for reference only

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	SOP-8
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	

Please submit RFQ for IRS2108SPBF 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 0.29 A source and 0.6 A sink currents in 8 Lead SOIC package for IGBTs and MOSFETs. Also available in 8 Lead PDIP, 14 Lead SOIC (IRS21084S), and 14 Lead PDIP (IRS21084).

For the new version with our SOI technology we recommend 2ED2108S06F, providing integrated bootstrap diode, better robustness and higher switching frequency

## Features

Floating gate driver designed for bootstrap operation

Fully operational to +600 V

Tolerant to negative transient voltage, dV/dt immune

Gate drive supply range from 10 V to 20 V

Undervoltage lockout for both channels

3.3 V, 5 V, and 15 V logic input compatible

Cross-conduction prevention logic

Matched propagation delay for both channels

High-side output in phase with HIN input

Low-side output out of phase with LIN input

Logic and power ground +/- 5 V offset

Internal 540 ns deadtime

Lower di/dt gate driver for better noise immunity

## Application

Home appliances

Washing machines

Motor control and drives

Robotics

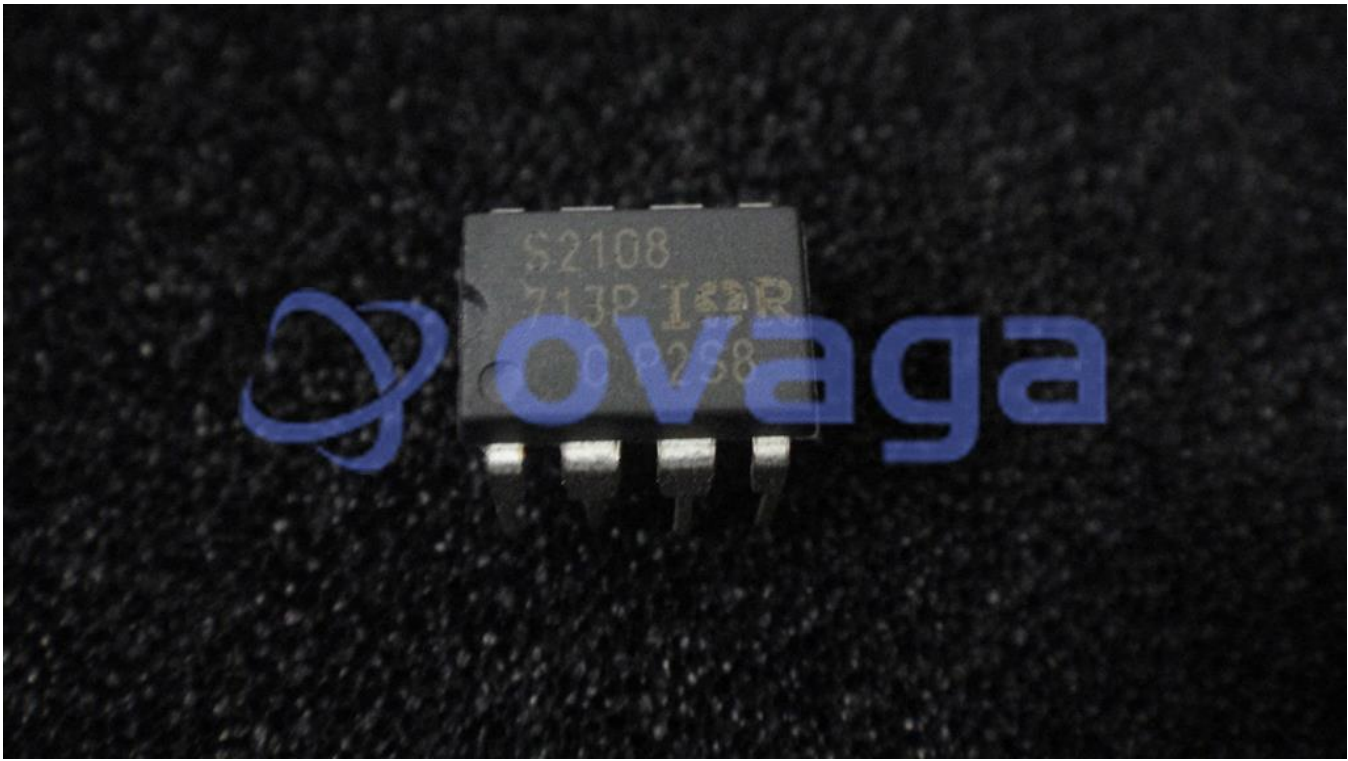
Home and building automation

Industrial heating and welding

Power tools

Power Supplies





## Related Products



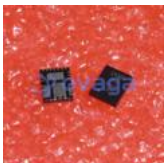
### [IRS2101SPBF](#)

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### [IRS21864SPBF](#)

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SOIC-14



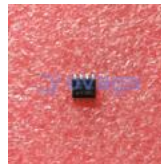
### [IR3898MTRPBF](#)

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PQFN 4 x 5



### [AUIRS2301STR](#)

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### [IRS2003STRPBF](#)

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### [IR3897MTRPBF](#)

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### [IR21531SPBF](#)

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### [IR1168SPBF](#)

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