

HIGH AND LOW SIDE DRIVER

Manufacturers	Infineon Technologies Corporation
Package/Case	SOIC-8
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for IRS2001STRPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

200 V High and Low Side Driver IC with typical 0.29 A source and 0.6 A sink currents in MLPQ 4x4 14L package for IGBTs and MOSFETs. Also available in 8 Lead SOIC and 8 Lead PDIP.

Features

- Floating gate driver designed for bootstrap operation
- Fully operational to +200 V
- Tolerant to negative transient voltage, dV/dt immune
- Gate drive supply range from 10 V to 20 V
- Undervoltage lockout
- 3.3 V, 5 V, and 15 V logic input compatible
- Matched propagation delay for both channels
- Output in phase with input

Application

- Robotics
- Home and building automation
- Power tools



RECOMMENDED PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES



Caution
This bag contains
MOISTURE-SENSITIVE DEVICES

LEVEL

2

If blank, see adjacent bar code label

1. Calculated shelf life in sealed bag: max of 36 months at < 40°C and < 90% relative humidity (RH)
2. Peak package body temperature: 260 °C
If blank, see adjacent bar code label
3. After bag is opened, devices that will be subjected to reflow solder or other high temperature process must be
 - a) Mounted within: 1 Year hours of factory conditions
If blank, see adjacent bar code label
≤ 30°C/60% RH, or
 - b) Stored per J-STD-033
4. Devices require bake, before mounting, if:
 - a) Humidity Indicator Card reads > 10% for level 2a - 5a devices or > 60% for level 2 devices when read at 23 ± 5°C
 - b) 3a or 3b are not met
5. If baking is required, refer to IPC/JEDEC J-STD-033 for bake procedure

Bag Seal Date: _____
If blank, see adjacent bar code label

Note: Level and body temperature defined by IPC/JEDEC J-STD-020



<1P>: IRS2001STRPBF (1T): JH037A63 <Q>: 2500

<P>: CUSTOMER PART NUMBER: IRS2001STRPBF

<1P>: PART NUMBER: IRS2001STRPBF

(1T): LOT NUMBER: JH037A63

<V>: VENDOR: INFINEON

Pkg Name: SOIC-8N

MSL RATING: 2 ASSEMBLED IN HANA-AYUTTHAYA THAILAND

LOT/DC	QTY

<Q> QTY: 2500

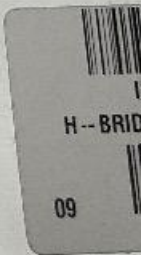
<9D> LOT D/C: 2024

QC Accept

Pb-Free

B 9/2

CAUTION STATIC SENSITIVE DEVICES



ESD PRECAUTIONS
FOR HANDLING
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Bag Seal Date: Jun 19 20
If blank, see adjacent bar code label

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QC Accept

<9D> LOT D/C: 2024

Pb-Free

CAUTION STATIC SENSITIVE DEVICES

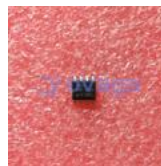


Related Products



[IRS2101SPBF](#)

Infineon Technologies Corporation
SOIC-8



[IRS2003STRPBF](#)

Infineon Technologies Corporation
SOIC-8



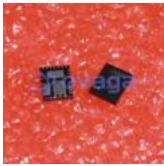
[IRS21864SPBF](#)

Infineon Technologies Corporation
SOIC-14



[IR3897MTRPBF](#)

Infineon Technologies Corporation
PQFN 4 x 5



[IR3898MTRPBF](#)

Infineon Technologies Corporation
PQFN 4 x 5



[IR21531SPBF](#)

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SOIC-8



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