

IR2010S Series 20 V 3 A Surface Mount High and Low Side Driver - SOIC-16W

Manufacturers	Infineon Technologies Corporation
Package/Case	SOIC-16
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for IR2010STRPBF 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 3 A source and 3 A sink currents in 16 Lead SOICWB package for IGBTs and MOSFETs. Also available in 14 Lead PDIP.

Features

Floating Channel designed for bootstrap operation

Fully operational to 200 V Tolerant to negative transient voltage

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 logic compatible Separate logic supply range from 3.3 V to 20 V Logic and power ground +/- 5 V offset

CMOS Schmitt-triggered inputs with pull-down

Shut down input turns off both channels

Matched propagation delay for both channels

Outputs in phase with inputs

Application

Consumer

Motor control and drives

Robotics

Home and building automation

Uninterruptible power supplies (UPS)

Wireless charging

Multicopters and drones

3D printers

Power tools

Related Products



[IRS2101SPBF](#)

Infineon Technologies Corporation
SOIC-8



[IRS21864SPBF](#)

Infineon Technologies Corporation
SOIC-14



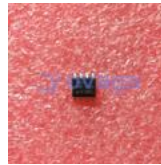
[IR3898MTRPBF](#)

Infineon Technologies Corporation
PQFN 4 x 5



[AUIRS2301STR](#)

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SOIC-8



[IRS2003STRPBF](#)

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[IR3897MTRPBF](#)

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[IR21531SPBF](#)

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