

Driver 600V 0.5A 6-OUT High and Low Side 3-Phase Brdg Inv 28-Pin SOIC W T/R

Manufacturers [Infineon Technologies Corporation](#)

Package/Case SOIC-28

Product Type Power Management ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for IR2130STRPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

600 V Three Phase Driver IC with typical 0.25 A source and 0.5 A sink currents in 28 Lead SOICWB package for IGBTs and MOSFETs. Also available in 28 Lead PDIP and 44 Lead PLCC.

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 10 to 20 V

Undervoltage lockout for all channels

Typical deadtime 2.5 μ s (IR2130)

Typical deadtime 0.8 μ s (IR2132) option available

Over-current shutdown turns off all six drivers

Independent half-bridge drivers

Matched propagation delay for all channels

2.5 V logic compatible

Outputs out of phase with inputs

Cross-conduction prevention logic

Application

Motor control and drives

Robotics

Home and building automation

Power tools

3D printers

Related Products



[IRS2101SPBF](#)

Infineon Technologies Corporation
SOIC-8



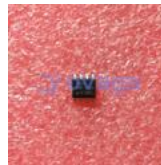
[IRS21864SPBF](#)

Infineon Technologies Corporation
SOIC-14



[IR3898MTRPBF](#)

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PQFN 4 x 5



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