

IR2131S Information



For Reference Only

Part Number IR2131S

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER BRIDGE 3-PHASE 28-SOIC

Package 28-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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IR2131S Specifications

Manufacturer Part NumberIR2131SManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage28-SOIC (0.295", 7.50mm Width)Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers6Gate TypeIGBT, N-Channel MOSFETVoltage - Supply10 V ~ 20 VLogic Voltage - VIL, VIH0.8V, 2.2VCurrent - Peak Output (Source, Sink)250mA, 500mAInput TypeInvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)80ns, 40nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Surating Davisor Package28-SOIC (0.295", 7.50mm Width)	•	
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Gate Type IGBT, N-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2.2V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case IGBT, N-Channel MOSFET 10 V ~ 20 V 0.8V, 2.2V 250mA, 500mA Inverting 600V 80ns, 40ns -40°C ~ 150°C (TJ)	Channel Type	Independent
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Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Operating Type Surface Mount Package / Case Oserial Voltage - VIL, VIH 0.8V, 2.2V 250mA, 500mA Inverting 600V 80ns, 40ns -40°C ~ 150°C (TJ) Surface Mount 28-SOIC (0.295", 7.50mm Width)	Gate Type	IGBT, N-Channel MOSFET
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Symplican Devices Devices Posteron	Package / Case	28-SOIC (0.295", 7.50mm Width)
Supplier Device Package 28-SOIC	Supplier Device Package	28-SOIC
Report errors?		Report errors?

IR2131S Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

IR2131S Payment Methods



















IR2131S Shipping Methods













If you have any question about IR2131S, please do not hesitate to contact us!

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