

IR2151 Information



For Reference Only

Part Number IR2151

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRVR HALF BRDG SELF-OSC 8-DIP

Package 8-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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



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IR2151 Specifications

Manufacturer Part NumberIR2151ManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)Package8-DIP (0.300", 7.62mm)Series-Driven ConfigurationHalf-BridgeChannel TypeSynchronousNumber of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply10 V ~ 20 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)125mA, 250mAInput TypeRC Input CircuitHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)80ns, 40nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP		
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Gate Type Voltage - Supply Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type RC Input Circuit High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Package / Case Supplier Device Package IGBT, N-Channel MOSFET IGBT, N-Channel MOSF	Channel Type	Synchronous
Voltage - Supply Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type RC Input Circuit High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type RC Input Circuit High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 80ns, 40ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Gate Type	IGBT, N-Channel MOSFET
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High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 80ns, 40ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Current - Peak Output (Source, Sink)	125mA, 250mA
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Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Rise / Fall Time (Typ)	80ns, 40ns
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package 8-DIP	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-DIP
		Report errors?

IR2151 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.

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IR2151 Shipping Methods













If you have any question about IR2151, please do not hesitate to contact us!

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