



IR2133SPBF Information



For Reference Only

Part Number IR2133SPBF

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER BRIDGE 3PHASE 28SOIC

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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IR2133SPBF Specifications

Manufacturer Part NumberIR2133SPBFManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)Package28-SOIC (0.295", 7.50mm Width)Series-Driven ConfigurationHalf-BridgeChannel Type3-PhaseNumber 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)90ns, 40nsOperating Temperature125°C (TJ)Mounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC		
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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 125°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Channel Type	3-Phase
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 125°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Number of Drivers	6
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature 125°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Gate Type	IGBT, N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature 125°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Voltage - Supply	10 V ~ 20 V
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High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 90ns, 40ns Operating Temperature 125°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Current - Peak Output (Source, Sink)	250mA, 500mA
Rise / Fall Time (Typ) 90ns, 40ns Operating Temperature 125°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Input Type	Inverting
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Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Rise / Fall Time (Typ)	90ns, 40ns
Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Operating Temperature	125°C (TJ)
Supplier Device Package 28-SOIC	Mounting Type	Surface Mount
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	28-SOIC
		Report errors?

IR2133SPBF 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.

IR2133SPBF Payment Methods



















IR2133SPBF Shipping Methods













If you have any question about IR2133SPBF, please do not hesitate to contact us!

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