



IR21364STRPBF Information



For Reference Only

Part Number IR21364STRPBF

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER BRIDGE 3PHASE 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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IR21364STRPBF Specifications

Manufacturer Part NumberIR21364STRPBFManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)Package28-SOIC (0.295", 7.50mm Width)Series-Driven ConfigurationHalf-BridgeChannel Type3-PhaseNumber of Drivers6Gate TypeIGBT, N-Channel MOSFETVoltage - Supply11.5 V ~ 20 VLogic Voltage - VIL, VIH0.8V, 2.5VCurrent - Peak Output (Source, Sink)200mA, 350mAInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)125ns, 50nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC		
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Number of Drivers Gate Type IGBT, N-Channel MOSFET Voltage - Supply 11.5 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 2.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Driven Configuration	Half-Bridge
Gate Type IGBT, N-Channel MOSFET Voltage - Supply 11.5 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 2.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 125ns, 50ns Operating Temperature -40°C ~ 150°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, 2.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°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 O.8V, 2.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Gate Type	IGBT, N-Channel MOSFET
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Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 125ns, 50ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Logic Voltage - VIL, VIH	0.8V, 2.5V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 125ns, 50ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Current - Peak Output (Source, Sink)	200mA, 350mA
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Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	High Side Voltage - Max (Bootstrap)	600V
Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Rise / Fall Time (Typ)	125ns, 50ns
Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Operating Temperature	-40°C ~ 150°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?

IR21364STRPBF 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.

IR21364STRPBF Payment Methods





















IR21364STRPBF Shipping Methods













If you have any question about IR21364STRPBF, please do not hesitate to contact us!

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