



IR2214SSTRPBF Information



For Reference Only

Part Number IR2214SSTRPBF

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

DescriptionIC DVR HALF BRIDGE IC 24SSOP**Package**24-SSOP (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

us

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



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IR2214SSTRPBF Specifications

Manufacturer Part NumberIR2214SSTRPBFManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)Package24-SSOP (0.209", 5.30mm Width)Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeIGBTVoltage - Supply11.5 V ~ 20 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)2A, 3AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)1200VRise / Fall Time (Typ)24ns, 7nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-SSOP (0.209", 5.30mm Width)Supplier Device Package24-SSOP		
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Package 24-SSOP (0.209", 5.30mm Width) Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type IGBT Voltage - Supply 11.5 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) 2A, 3A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 1200V Rise / Fall Time (Typ) 24ns, 7ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-SSOP (0.209", 5.30mm Width) Supplier Device Package	Manufacturer	Infineon Technologies
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Driven Configuration Channel Type Independent Number of Drivers 2 Gate Type IGBT Voltage - Supply Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Ao°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case Supplier Device Package Independent Half-Bridge Independent Independent	Package	24-SSOP (0.209", 5.30mm Width)
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Gate Type Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2V 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 24-SSOP ILSU VOLTAGE ILSU VOLTAGE Surface Mount Package 24-SSOP	Channel Type	Independent
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Logic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)2A, 3AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)1200VRise / Fall Time (Typ)24ns, 7nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-SSOP (0.209", 5.30mm Width)Supplier Device Package24-SSOP	Gate Type	IGBT
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 24-SSOP (0.209", 5.30mm Width) Supplier Device Package	Voltage - Supply	11.5 V ~ 20 V
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High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 24ns, 7ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-SSOP (0.209", 5.30mm Width) Supplier Device Package	Current - Peak Output (Source, Sink)	2A, 3A
Rise / Fall Time (Typ)24ns, 7nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-SSOP (0.209", 5.30mm Width)Supplier Device Package24-SSOP	Input Type	Non-Inverting
Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-SSOP (0.209", 5.30mm Width) Supplier Device Package 24-SSOP	High Side Voltage - Max (Bootstrap)	1200V
Mounting Type Surface Mount Package / Case 24-SSOP (0.209", 5.30mm Width) Supplier Device Package 24-SSOP	Rise / Fall Time (Typ)	24ns, 7ns
Package / Case 24-SSOP (0.209", 5.30mm Width) Supplier Device Package 24-SSOP	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package 24-SSOP	Mounting Type	Surface Mount
	Package / Case	24-SSOP (0.209", 5.30mm Width)
Report errors?	Supplier Device Package	24-SSOP
		Report errors?

IR2214SSTRPBF 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.

IR2214SSTRPBF Payment Methods



















IR2214SSTRPBF Shipping Methods













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