



IRS2509SPBF Information



For Reference Only

Part Number IRS2509SPBF

ManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)PMIC - Gate Drivers

Description IC MOSFET DRIVER

Package 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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IRS2509SPBF Specifications

Manufacturer Part Number IRS2509SPBF Manufacturer Infineon Technologies Category Integrated Circuits (ICs) PACKAGE 8-SOIC (0.154", 3.90mm Width) Series - Driven Configuration Half-Bridge Channel Type Synchronous Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 10 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 2.2V Current - Peak Output (Source, Sink) 200mA, 350mA Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 150ns, 50ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC		
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Gate Type Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2.2V 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Channel Type	Synchronous
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2.2V 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH O.8V, 2.2V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 150ns, 50ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Gate Type	IGBT, N-Channel MOSFET
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Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	High Side Voltage - Max (Bootstrap)	600V
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Rise / Fall Time (Typ)	150ns, 50ns
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

IRS2509SPBF 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.

IRS2509SPBF Payment Methods





















IRS2509SPBF Shipping Methods













If you have any question about IRS2509SPBF, please do not hesitate to contact us!

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