

IR2104 Information



For Reference Only

Part Number IR2104

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER HIGH/LOW SIDE 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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IR2104 Specifications

Manufacturer Part Number Manufacturer Infineon Technologies Integrated Circuits (ICs) PMIC - Gate Drivers Package 8-DIP (0.300", 7.62mm) 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, 3V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature 4-40°C ~ 150°C (TJ) Mounting Type Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP Report errors?		
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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, 3V Current - Peak Output (Source, Sink) 210mA, 360mA Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 100ns, 50ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package		PMIC - Gate Drivers
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Number of Drivers Gate Type IGBT, N-Channel MOSFET Voltage - Supply 10 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 3V 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 Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Driven Configuration	Half-Bridge
Gate Type Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Channel Type	Synchronous
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 3V 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 Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)210mA, 360mAInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)100ns, 50nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP	Gate Type	IGBT, N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Operating Type Through Hole Package / Case Supplier Device Package 210mA, 360mA Non-Inverting 600V 100ns, 50ns -40°C ~ 150°C (TJ) Through Hole 8-DIP (0.300", 7.62mm)	Voltage - Supply	10 V ~ 20 V
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Operating Type Mounting Type Through Hole Package / Case Supplier Device Package Non-Inverting Non-Inverting 600V 100ns, 50ns -40°C ~ 150°C (TJ) Through Hole 8-DIP (0.300", 7.62mm) 8-DIP	Logic Voltage - VIL, VIH	0.8V, 3V
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	Current - Peak Output (Source, Sink)	210mA, 360mA
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	Input Type	Non-Inverting
Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	High Side Voltage - Max (Bootstrap)	600V
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Rise / Fall Time (Typ)	100ns, 50ns
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?

IR2104 Guarantees



Quality Guarantees

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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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If you have any question about IR2104, please do not hesitate to contact us!

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