

IR2110 Information



For Reference Only

Part Number IR2110

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER HIGH/LOW SIDE 14-DIP

Package 14-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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IR2110 Specifications

Manufacturer Part NumberIR2110ManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage14-DIP (0.300", 7.62mm)Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply3.3 V ~ 20 VLogic Voltage - VIL, VIH6V, 9.5VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)500VRise / Fall Time (Typ)25ns, 17nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case14-DIP (0.300", 7.62mm)		
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Package 14-DIP (0.300", 7.62mm) Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 3.3 V ~ 20 V Logic Voltage - VIL, VIH 6V, 9.5V Current - Peak Output (Source, Sink) 2A, 2A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 500V Rise / Fall Time (Typ) 25ns, 17ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Through Hole	Manufacturer	Infineon Technologies
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Driven Configuration Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 3.3 V ~ 20 V Logic Voltage - VIL, VIH 6V, 9.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type Half-Bridge Independent Half-Bridge Independent Authory 2 2 Current Souv Through Hole	Package	14-DIP (0.300", 7.62mm)
Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 3.3 V ~ 20 V Logic Voltage - VIL, VIH 6V, 9.5V Current - Peak Output (Source, Sink) 2A, 2A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 500V Rise / Fall Time (Typ) 25ns, 17ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Through Hole	Series	-
Number of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply3.3 V ~ 20 VLogic Voltage - VIL, VIH6V, 9.5VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)500VRise / Fall Time (Typ)25ns, 17nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough Hole	Driven Configuration	Half-Bridge
Gate TypeIGBT, N-Channel MOSFETVoltage - Supply $3.3 \text{ V} \sim 20 \text{ V}$ Logic Voltage - VIL, VIH $6\text{V}, 9.5\text{V}$ Current - Peak Output (Source, Sink) $2\text{A}, 2\text{A}$ Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap) 500V Rise / Fall Time (Typ) $25\text{ns}, 17\text{ns}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)Mounting TypeThrough Hole	Channel Type	Independent
Voltage - Supply Logic Voltage - VIL, VIH 6V, 9.5V 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 3.3 V ~ 20 V 6V, 9.5V 2A, 2A Non-Inverting 500V Through Hole	Number of Drivers	2
Logic Voltage - VIL, VIH6V, 9.5VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)500VRise / Fall Time (Typ)25ns, 17nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough Hole	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 Ao°C ~ 150°C (TJ) Mounting Type Through Hole	Voltage - Supply	3.3 V ~ 20 V
Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap) $500V$ Rise / Fall Time (Typ) $25ns$, $17ns$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)Mounting TypeThrough Hole	Logic Voltage - VIL, VIH	6V, 9.5V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Through Hole	Current - Peak Output (Source, Sink)	2A, 2A
Rise / Fall Time (Typ) $25 \text{ns}, 17 \text{ns}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 150 ^{\circ}\text{C}$ (TJ) Mounting Type Through Hole	Input Type	Non-Inverting
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Mounting Type Through Hole	High Side Voltage - Max (Bootstrap)	500V
Mounting Type Through Hole	Rise / Fall Time (Typ)	25ns, 17ns
	Operating Temperature	-40°C ~ 150°C (TJ)
Package / Case 14-DIP (0.300", 7.62mm)	Mounting Type	Through Hole
	Package / Case	14-DIP (0.300", 7.62mm)
Supplier Device Package 14-DIP	Supplier Device Package	14-DIP
Report errors?		Report errors?

IR2110 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.

IR2110 Payment Methods





















IR2110 Shipping Methods













If you have any question about IR2110, please do not hesitate to contact us!

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