

IR2213S Information



For Reference Only

Part Number IR2213S

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER HIGH/LOW SIDE 16-SOIC

Package 16-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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IR2213S Specifications

Manufacturer Part Number IR2213S Manufacturer Infineon Technologies Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 16-SOIC (0.295", 7.50mm Width) Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 12 V ~ 20 V Logic Voltage - VIL, VIH 6V, 9.5V Current - Peak Output (Source, Sink) 2A, 2.5A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 1200V Rise / Fall Time (Typ) 25ns, 17ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package (Care 16 SOIC (0.205", 7.50mm Width)		
Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 16-SOIC (0.295", 7.50mm Width) Series Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 12 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 -55°C ~ 150°C (TJ) Mounting Type Independent Non-Inverting Independent Non-Inverting 1200V Surface Mount	Manufacturer Part Number	IR2213S
PACKAGE Package 16-SOIC (0.295", 7.50mm Width) Series - Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 12 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 -55°C ~ 150°C (TJ) Mounting Type Surface Mount	Manufacturer	Infineon Technologies
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Channel Type Number of Drivers 2 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 12 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 Independent Independent Independent Independent Independent Independent IGBT, N-Channel MOSFET 12 V ~ 20 V EV ~ 25, 25A Input Type Non-Inverting Figh Side Voltage - Max (Bootstrap) EV ~ 25ns, 17ns Operating Temperature Surface Mount Surface Mount	Series	-
Number of Drivers2Gate TypeIGBT, N-Channel MOSFETVoltage - Supply12 V ~ 20 VLogic Voltage - VIL, VIH6V, 9.5VCurrent - Peak Output (Source, Sink)2A, 2.5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)1200VRise / Fall Time (Typ)25ns, 17nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface Mount	Driven Configuration	Half-Bridge
Gate Type IGBT, N-Channel MOSFET 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 -55°C ~ 150°C (TJ) Mounting Type IGBT, N-Channel MOSFET 12 V ~ 20 V 6V, 9.5V 2A, 2.5A Non-Inverting 1200V Surface Mount	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 -55°C ~ 150°C (TJ) Mounting Type 12 V ~ 20 V 6V, 9.5V 2A, 2.5A Non-Inverting 1200V Surface Mount	Number of Drivers	2
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type Surface Mount	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 Surface Mount	Voltage - Supply	12 V ~ 20 V
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Operating Type Non-Inverting 1200V 25ns, 17ns Operating Temperature -55°C ~ 150°C (TJ) Surface Mount	Logic Voltage - VIL, VIH	6V, 9.5V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Operating Type 1200V 25ns, 17ns -55°C ~ 150°C (TJ) Surface Mount	Current - Peak Output (Source, Sink)	2A, 2.5A
Rise / Fall Time (Typ) Operating Temperature Operating Type 25ns, 17ns -55°C ~ 150°C (TJ) Surface Mount	Input Type	Non-Inverting
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount	High Side Voltage - Max (Bootstrap)	1200V
Mounting Type Surface Mount	Rise / Fall Time (Typ)	25ns, 17ns
	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case 16 SOIC (0.205" 7.50mm Width)	Mounting Type	Surface Mount
10-SOIC (0.275, 7.50iiiii Widii)	Package / Case	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package 16-SOIC	Supplier Device Package	16-SOIC
Report errors?		Report errors?

IR2213S 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.

IR2213S Payment Methods





















IR2213S Shipping Methods













If you have any question about IR2213S, please do not hesitate to contact us!

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