

IR2136J Information



For Reference Only

Part Number IR2136J

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER BRIDGE 3-PHASE 44-PLCC

Package 44-LCC (J-Lead), 32 Leads

For the pricing/inventory/lead time, please contact

us

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



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IR2136J Specifications

Manufacturer Part Number IR2136J Manufacturer Infineon Technologies Category Integrated Circuits (ICs) Package 44-LCC (J-Lead), 32 Leads Series - Driven Configuration Half-Bridge Channel Type 3-Phase Number of Drivers 6 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 10 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) 200mA, 350mA Input Type Inverting High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 125ns, 50ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 44-LCC (J-Lead), 32 Leads Supplier Device Package 44-PLCC, 32 Leads (16.58x16.58)		
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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 Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 125ns, 50ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 44-LCC (J-Lead), 32 Leads Supplier Device Package 44-PLCC, 32 Leads (16.58x16.58)	Channel Type	3-Phase
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 44-LCC (J-Lead), 32 Leads Supplier Device Package	Number of Drivers	6
Logic Voltage - VIL, VIH O.8V, 3V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 44-LCC (J-Lead), 32 Leads Supplier Device Package 44-PLCC, 32 Leads (16.58x16.58)	Gate Type	IGBT, N-Channel MOSFET
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Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 44-LCC (J-Lead), 32 Leads Supplier Device Package 44-PLCC, 32 Leads (16.58x16.58)	Logic Voltage - VIL, VIH	0.8V, 3V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 125ns, 50ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 44-LCC (J-Lead), 32 Leads Supplier Device Package 44-PLCC, 32 Leads (16.58x16.58)	Current - Peak Output (Source, Sink)	200mA, 350mA
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Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 44-LCC (J-Lead), 32 Leads Supplier Device Package 44-PLCC, 32 Leads (16.58x16.58)	High Side Voltage - Max (Bootstrap)	600V
Mounting Type Surface Mount Package / Case 44-LCC (J-Lead), 32 Leads Supplier Device Package 44-PLCC, 32 Leads (16.58x16.58)	Rise / Fall Time (Typ)	125ns, 50ns
Package / Case 44-LCC (J-Lead), 32 Leads Supplier Device Package 44-PLCC, 32 Leads (16.58x16.58)	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package 44-PLCC, 32 Leads (16.58x16.58)	Mounting Type	Surface Mount
	Package / Case	44-LCC (J-Lead), 32 Leads
Report errors?	Supplier Device Package	44-PLCC, 32 Leads (16.58x16.58)
		Report errors?

IR2136J 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.

IR2136J Payment Methods



















IR2136J Shipping Methods













If you have any question about IR2136J, please do not hesitate to contact us!

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