



IR2132JTR Information

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Part Number IR2132JTR

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

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IR2132JTR Specifications

Manufacturer Part NumberIR2132JTRManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)Package44-LCC (J-Lead), 32 LeadsSeries-Driven ConfigurationHalf-BridgeChannel Type3-PhaseNumber of Drivers6Gate TypeIGBT, N-Channel MOSFETVoltage - Supply10 V ~ 20 VLogic Voltage - VIL, VIH0.8V, 2.2VCurrent - Peak Output (Source, Sink)250mA, 500mAInput TypeInvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)80ns, 35nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case44-LCC (J-Lead), 32 LeadsSupplier Device Package44-PLCC, 32 Leads (16.58x16.58)	•	
Category Integrated Circuits (ICs) PMIC - Gate Drivers 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, 2.2V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Sons, 35ns Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 44-LCC (J-Lead), 32 Leads Supplier Device Package	Manufacturer Part Number	IR2132JTR
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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) 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 Supplier Device Package IGBT, N-Channel MOSFET 10 V ~ 20 V 0.8V, 2.2V 250mA, 500mA Inverting 600V 80ns, 35ns 40°C ~ 150°C (TJ) Surface Mount 44-LCC (J-Lead), 32 Leads 44-LCC (J-Lead), 32 Leads	Channel Type	3-Phase
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2.2V 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, 2.2V 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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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)	80ns, 35ns
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?

IR2132JTR 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.

IR2132JTR Payment Methods





















IR2132JTR Shipping Methods













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