

IR21362J Information



For Reference Only

Part Number IR21362J

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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IR21362J Specifications

Manufacturer Part NumberIR21362JManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)Package44-LCC (J-Lead), 32 LeadsSeries-Driven ConfigurationHalf-BridgeChannel Type3-PhaseNumber of Drivers6Gate TypeIGBT, N-Channel MOSFETVoltage - Supply11.5 V ~ 20 VLogic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)200mA, 350mAInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)125ns, 50nsOperating 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 11.5 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type Surface Mount Package / Case 44-LCC (J-Lead), 32 Leads Supplier Device Package 44-PLCC, 32 Leads (16.58x16.58)	Manufacturer Part Number	IR21362J
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 11.5 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) 200mA, 350mA Input Type Inverting, Non-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)	Manufacturer	Infineon Technologies
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 11.5 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) 200mA, 350mA Input Type Inverting, Non-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)	Category	Integrated Circuits (ICs)
Series-Driven ConfigurationHalf-BridgeChannel Type3-PhaseNumber of Drivers6Gate TypeIGBT, N-Channel MOSFETVoltage - Supply11.5 V ~ 20 VLogic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)200mA, 350mAInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)600VRise / Fall Time (Typ)125ns, 50nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case44-LCC (J-Lead), 32 LeadsSupplier Device Package44-PLCC, 32 Leads (16.58x16.58)		PMIC - Gate Drivers
Driven Configuration Channel Type 3-Phase Number of Drivers 6 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 11.5 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) Input Type Inverting, Non-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 44-LCC (J-Lead), 32 Leads 1-50.00 4-50.00	Package	44-LCC (J-Lead), 32 Leads
Channel Type Number of Drivers 6 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 11.5 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) Input Type Inverting, Non-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)	Series	-
Number of Drivers Gate Type IGBT, N-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) Input Type Inverting, Non-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)	Driven Configuration	Half-Bridge
Gate Type IGBT, N-Channel MOSFET Voltage - Supply 11.5 V ~ 20 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) Input Type Inverting, Non-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, Non-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, Non-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
Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting 600V 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)	Voltage - Supply	11.5 V ~ 20 V
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 1 Inverting, Non-Inverting 600V 125ns, 50ns -40°C ~ 150°C (TJ) Surface Mount 44-CC (J-Lead), 32 Leads 44-LCC (J-Lead), 32 Leads	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 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
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)	Input Type	Inverting, Non-Inverting
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?

IR21362J 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.

IR21362J Payment Methods





















IR21362J Shipping Methods













If you have any question about IR21362J, please do not hesitate to contact us!

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