

IR2137J Information

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For Reference Only

Part Number IR2137J

Manufacturer Infineon Technologies Category

Integrated Circuits (ICs)

PMIC - Gate Drivers

Description

IC DRIVER BRIDGE 3-PHASE 64-PLCC

Package

For the pricing/inventory/lead time, please contact

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Certified Quality

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IR2137J Specifications

Manufacturer Part NumberIR2137JManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage68-PLCCSeries-Driven ConfigurationHalf-BridgeChannel Type3-PhaseNumber of Drivers3Gate TypeIGBTVoltage - Supply12.5 V ~ 20 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)-Input TypeInvertingHigh Side Voltage - Max (Bootstrap)600V	-	
Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 68-PLCC Series - Driven Configuration Half-Bridge Channel Type 3-Phase Number of Drivers 3 Gate Type IGBT Voltage - Supply Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Inverting	Manufacturer Part Number	IR2137J
PMIC - Gate Drivers Package 68-PLCC Series - Driven Configuration Half-Bridge Channel Type 3-Phase Number of Drivers 3 Gate Type IGBT Voltage - Supply 12.5 V ~ 20 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Inverting	Manufacturer	Infineon Technologies
Package 68-PLCC Series - Driven Configuration Half-Bridge Channel Type 3-Phase Number of Drivers 3 Gate Type IGBT Voltage - Supply 12.5 V ~ 20 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) - Input Type Inverting	Category	Integrated Circuits (ICs)
Series - Driven Configuration Half-Bridge Channel Type 3-Phase Number of Drivers 3 Gate Type IGBT Voltage - Supply 12.5 V ~ 20 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Inverting		PMIC - Gate Drivers
Driven Configuration Channel Type 3-Phase Number of Drivers 3 Gate Type IGBT Voltage - Supply Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Half-Bridge 3-Phase 1GBT - Inverting	Package	68-PLCC
Channel Type Number of Drivers 3 Gate Type IGBT Voltage - Supply Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type 3-Phase 1 GBT 12.5 V ~ 20 V - Inverting	Series	-
Number of Drivers Gate Type IGBT Voltage - Supply Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Inverting	Driven Configuration	Half-Bridge
	Channel Type	3-Phase
Voltage - Supply Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type 12.5 V ~ 20 V - Inverting	Number of Drivers	3
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Inverting	Gate Type	IGBT
Current - Peak Output (Source, Sink) - Input Type Inverting	Voltage - Supply	12.5 V ~ 20 V
Input Type Inverting	Logic Voltage - VIL, VIH	-
	Current - Peak Output (Source, Sink)	-
High Side Voltage - Max (Bootstrap) 600V	Input Type	Inverting
	High Side Voltage - Max (Bootstrap)	600V
Rise / Fall Time (Typ) 115ns, 25ns	Rise / Fall Time (Typ)	115ns, 25ns
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 68-PLCC	Package / Case	68-PLCC
Supplier Device Package 68-PLCC	Supplier Device Package	68-PLCC
Report errors		Report errors?

IR2137J 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.

IR2137J Payment Methods

































If you have any question about IR2137J, please do not hesitate to contact us!

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