

IR2131JPBF



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Part Number: [IR2131JPBF](#)

Manufacturer: [International Rectifier \(Infineon Technologies\)](#)

Description: IC DRIVER BRIDGE 3-PHASE 44-PLCC

Data sheet:  [IR2131\(J,S\) \(PbF\)](#)

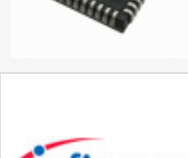
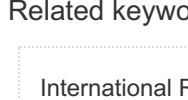
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	IR2131JPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRIVER BRIDGE 3-PHASE 44-PLCC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16004 pcs	Data sheet	IR2131(J,S) (PbF)
Category	Integrated Circuits (ICs)	Voltage - Supply	10 V ~ 20 V
Supplier Device Package	44-PLCC, 32 Leads (16.58x16.58)	Series	-
Rise / Fall Time (Typ)	80ns, 40ns	Packaging	Tube
Package / Case	44-LCC (J-Lead), 32 Leads	Other Names	SP001547332
Operating Temperature	-40°C ~ 150°C (TJ)	Number of Drivers	6
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	18 Weeks	Logic Voltage - VIL, VIH	0.8V, 2.2V
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Inverting
High Side Voltage - Max (Bootstrap)	600V	Gate Type	IGBT, N-Channel MOSFET
Driven Configuration	Half-Bridge	Detailed Description	Half-Bridge Gate Driver IC Inverting 44-PLCC, 32 Leads (16.58x16.58)
Current - Peak Output (Source, Sink)	250mA, 500mA	Channel Type	Independent
Base Part Number	IR2131JPBF		
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