

IRS21834SPBF



Part Number: [IRS21834SPBF](#)

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

Description: IC DRIVER HALF-BRIDGE 14-SOIC

Data sheet:  [IRS2183/IRS21834\(S\)PbF](#)

RoHs Status: Lead free / RoHS Compliant

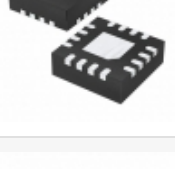
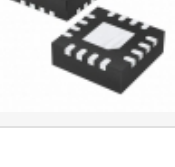
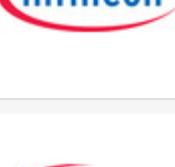
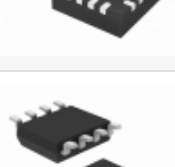
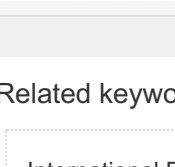
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Request For Quotation

PRODUCT PARAMETER			
Part Number	IRS21834SPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRIVER HALF-BRIDGE 14-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	49728 pcs	Data sheet	IRS2183/IRS21834(S)PbF
Category	Integrated Circuits (ICs)	Voltage - Supply	10 V ~ 20 V
Supplier Device Package	14-SOIC	Series	-
Rise / Fall Time (Typ)	40ns, 20ns	Packaging	Tube
Package / Case	14-SOIC (0.154", 3.90mm Width)	Other Names	SP001545564
Operating Temperature	-40°C ~ 150°C (TJ)	Number of Drivers	2
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2 (1 Year)
Manufacturer Standard Lead Time	16 Weeks	Logic Voltage - VIL, VIH	0.8V, 2.5V
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Inverting, Non-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, Non-Inverting 14-SOIC
Current - Peak Output (Source, Sink)	1.9A, 2.3A	Channel Type	Independent
Base Part Number	IRS21834SPBF		
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RELATED PRODUCTS			
	Part#: IRS2183STRPBF Description: IC DRIVER HALF-BRIDGE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS2184PBF Description: IC DVR HALF BRIDGE 8-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2168DSTRPBF Description: IC PFC & BALLAST CONTROL 16-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21844SPBF Description: IC DRIVER HALF-BRIDGE 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21814STRPBF Description: IC DRIVER HIGH/LOW SIDE 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS21844PBF Description: IC DVR HALF BRIDGE 14-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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