

IRS21844SPBF



Part Number: [IRS21844SPBF](#)

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

Description: IC DRIVER HALF-BRIDGE 14-SOIC

Data sheet:  [IRS2184/IRS21844\(S\)PbF](#)

RoHs Status: Lead free / RoHS Compliant

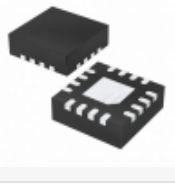
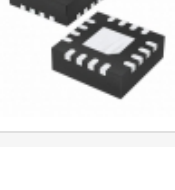
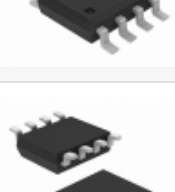
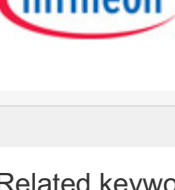
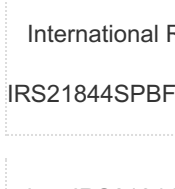
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Request For Quotation

PRODUCT PARAMETER			
Part Number	IRS21844SPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRIVER HALF-BRIDGE 14-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	61050 pcs	Data sheet	IRS2184/IRS21844(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	SP001534714
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	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 Non-Inverting 14-SOIC
Current - Peak Output (Source, Sink)	1.9A, 2.3A	Channel Type	Synchronous
Base Part Number	IRS21844SPBF		
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	Part#: IRS2183STRPBF Description: IC DRIVER HALF-BRIDGE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS21851STRPBF Description: IC DRIVER HIGH SIDE SGL 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21851C Description: IC DRIVER HIGH SIDE SGL 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21844MTRPBF Description: IC DRIVER HALF-BRIDGE 16MLPQ	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21834SPBF Description: IC DRIVER HALF-BRIDGE 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21850STRPBF Description: IC DVR HIGH SIDE 600V 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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