

IRS2181SPBF



Part Number: [IRS2181SPBF](#)

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

Description: IC DRIVER HI/LO SIDE 600V 8-SOIC

Data sheet:  [IRS2153\(1\)D\(S\)PbF](#)
 [IRS2181\(4\) \(S\) PbF](#)

RoHs Status: Lead free / RoHS Compliant

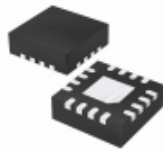
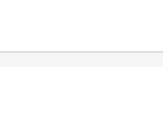
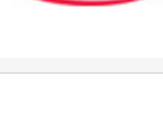
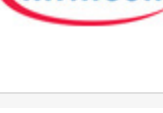
Ship From: Hong Kong

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

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Request For Quotation

PRODUCT PARAMETER			
Part Number	IRS2181SPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRIVER HI/LO SIDE 600V 8-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	75243 pcs	Data sheet	IRS2153(1)D(S)PbF IRS2181(4) (S) PbF
Category	Integrated Circuits (ICs)	Voltage - Supply	10 V ~ 20 V
Supplier Device Package	8-SOIC	Series	-
Rise / Fall Time (Typ)	40ns, 20ns	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	SP001542894
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 8-SOIC
Current - Peak Output (Source, Sink)	1.9A, 2.3A	Channel Type	Independent
Base Part Number	IRS2181SPBF		
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RELATED PRODUCTS			
	Part#: IRS21844MPBF Description: IC DRIVER HALF-BRIDGE 16MLPQ	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21834PBF Description: IC DVR HALF BRIDGE 14-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2183STRPBF Description: IC DRIVER HALF-BRIDGE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21834STRPBF Description: IC DRIVER HALF-BRIDGE 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2183SPBF Description: IC DRIVER HALF BRIDGE 600V 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2183PBF Description: IC DRIVER HALF-BRIDGE 8-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS21681DSTRPBF Description: IC LIGHT BALLAST CONTROL	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS21814STRPBF Description: IC DRIVER HIGH/LOW SIDE 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2168DSPBF Description: IC PFC/BALLAST CONTROL 16-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2168DPBF Description: IC PFC BALLAST CTLR ADV 16DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21834SPBF Description: IC DRIVER HALF-BRIDGE 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2181STRPBF Description: IC DRIVER HI/LO SIDE 600V 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21844MTRPBF Description: IC DRIVER HALF-BRIDGE 16MLPQ	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21844PBF Description: IC DVR HALF BRIDGE 14-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21814MTRPBF Description: IC DRIVER HIGH/LOW SIDE 16MLPQ	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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