

IR2181STRPBF



Part Number: [IR2181STRPBF](#)

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

Description: IC DRIVER HIGH/LOW SIDE 8SOIC

Data sheet:  [IR2181\(4\)\(S\) \(PbF\)](#)

RoHs Status: Lead free / RoHS Compliant

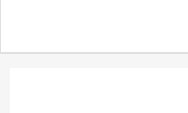
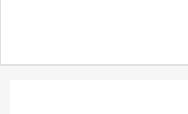
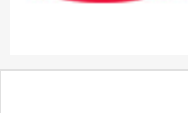
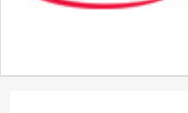
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	IR2181STRPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRIVER HIGH/LOW SIDE 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	60452 pcs	Data sheet	IR2181(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	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	IR2181SPBFTR IR2181STRPBF-ND IR2181STRPBFTR-ND SP001535282
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	18 Weeks	Logic Voltage - VIL, VIH	0.8V, 2.7V
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	IR2181SPBF		
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RELATED PRODUCTS			
	Part#: IR2181PBF Description: IC DRIVER HIGH/LOW SIDE 8DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR2182S Description: IC DRIVER HIGH/LOW SIDE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2181S Description: IC DRIVER HI/LO 600V 1.9A 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2181SPBF Description: IC DRIVER HIGH/LOW SIDE 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR21824S Description: IC DRIVER HIGH/LOW SIDE 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR21834PBF Description: IC DRIVER HALF BRIDGE 14DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21814STRPBF Description: IC DRIVER HIGH/LOW SIDE 14SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR21834SPBF Description: IC DRIVER HALF BRIDGE 14SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2182 Description: IC DRIVER HIGH/LOW SIDE 8-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21834STRPBF Description: IC DRIVER HALF BRIDGE 14SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21814SPBF Description: IC DRIVER HIGH/LOW SIDE 14SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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