

IR2181S



Part Number: [IR2181S](#)

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

Description: IC DRIVER HI/LO 600V 1.9A 8-SOIC

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

RoHS Status: Contains lead / RoHS non-compliant

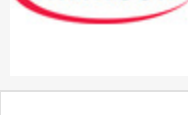
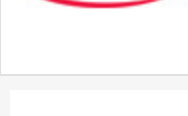
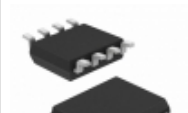
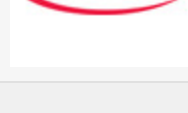
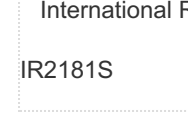
Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	IR2181S	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRIVER HI/LO 600V 1.9A 8-SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4551 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	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	*IR2181S
Operating Temperature	-40°C ~ 150°C (TJ)	Number of Drivers	2
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Logic Voltage - VIL, VIH	0.8V, 2.7V	Lead Free Status / RoHS Status	Contains lead / RoHS non-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	IR2181S
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	Part#: IR2181 Description: IC DRIVER HI/LOW 600V 1.9A 8-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR21814PBF Description: IC DRIVER HIGH/LOW SIDE 14DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2181PBF Description: IC DRIVER HIGH/LOW SIDE 8DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21824S Description: IC DRIVER HIGH/LOW SIDE 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21814STR Description: IC DRIVER HIGH/LOW 600V 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR21814S Description: IC DRIVER HI/LO 600V 1.9A 14SOIC	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#: IR2182S Description: IC DRIVER HIGH/LOW SIDE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR2181SPBF Description: IC DRIVER HIGH/LOW SIDE 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR21834 Description: IC DRIVER HALF-BRIDGE 14-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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