

IR2301STRPBF



Part Number: [IR2301STRPBF](#)

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

Description: IC DRIVER HIGH/LOW SIDE 8SOIC

Data sheet:  [IR2301\(S\) \(PbF\)](#)

RoHS Status: Lead free / RoHS Compliant

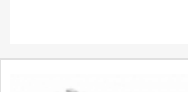
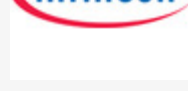
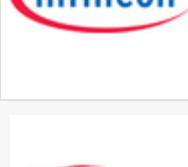
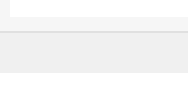
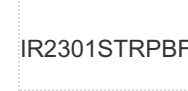
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PRODUCT PARAMETER			
Part Number	IR2301STRPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRIVER HIGH/LOW SIDE 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	59983 pcs	Data sheet	IR2301(S) (PbF)
Category	Integrated Circuits (ICs)	Voltage - Supply	5 V ~ 20 V
Supplier Device Package	8-SOIC	Series	-
Rise / Fall Time (Typ)	130ns, 50ns	Packaging	Cut Tape (CT)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	*IR2301STRPBF IR2301SPBFCT
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, 2.9V
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)	200mA, 350mA	Channel Type	Independent
Base Part Number	IR2301SPBF		
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RELATED PRODUCTS			
	Part#: IR22771SPBF Description: IC CURRENT SENSE 16SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2277STRPBF Description: IC CURRENT SENSE 0.2& 16SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2308PBF Description: IC MOSFET/IGBT DVR HV HS 8-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2302S Description: IC DRIVER HALF-BRIDGE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2304PBF Description: IC DRIVER HALF-BRIDGE 8-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2302 Description: IC DRIVER HALF-BRIDGE 8-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2301SPBF Description: IC DRIVER HIGH/LOW SIDE 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2304 Description: IC DRIVER HALF-BRIDGE 8-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2304SPBF Description: IC DRIVER HALF BRIDGE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR22GJ Description: SERIES 2 , 19MM, 0-5%/100% HC IR	Manufacturers: SGX Sensortech	RFQ
	Part#: IR2301 Description: IC DRIVER HIGH/LOW SIDE 8-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2302SPBF Description: IC DRIVER HALF BRIDGE 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2304STRPBF Description: IC DVR HALF BRIDGE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2301STR Description: IC DRIVER HIGH/LOW SIDE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR22EJ Description: SERIES 2, 19MM, 0-5%/100% HC IR	Manufacturers: SGX Sensortech	RFQ
	Part#: IR2302PBF Description: IC DRIVER HALF BRIDGE 8DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2302STRPBF Description: IC DVR HALF BRIDGE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR22771STRPBF Description: IC CURRENT SENSE 16SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2277SPBF Description: IC CURRENT SENSE 0.2& 16SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2301PBF Description: IC DRIVER HIGH/LOW SIDE 8DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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