

IR21844STRPBF



Part Number: [IR21844STRPBF](#)

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

Description: IC DVR HALF BRIDGE 14-SOIC

Data sheet:  [IR2184\(4\)\(S\) \(PbF\)](#)

RoHS Status: Lead free / RoHS Compliant

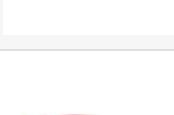
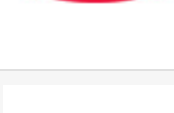
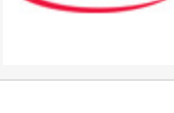
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PRODUCT PARAMETER			
Part Number	IR21844STRPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DVR HALF BRIDGE 14-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	48391 pcs	Data sheet	IR2184(4)(S) (PbF)
Category	Integrated Circuits (ICs)	Voltage - Supply	10 V ~ 20 V
Supplier Device Package	14-SOIC	Series	-
Rise / Fall Time (Typ)	40ns, 20ns	Packaging	Tape & Reel (TR)
Package / Case	14-SOIC (0.154", 3.90mm Width)	Other Names	IR21844STRPBF-ND IR21844STRPBFTR SP001539326
Operating Temperature	-40°C ~ 150°C (TJ)	Number of Drivers	2
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	20 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 14-SOIC
Current - Peak Output (Source, Sink)	1.9A, 2.3A	Channel Type	Independent
Base Part Number	IR21844SPBF		
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RELATED PRODUCTS			
	Part#: IR2183STRPBF Description: IC DRIVER HALF BRIDGE 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2184S Description: IC DRIVER HIGH/LOW SIDE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2184 Description: IC DRIVER HIGH/LOW SIDE 8-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2183S Description: IC DRIVER HALFBRIDGE 600V 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21844 Description: IC DRIVER HIGH/LOW SIDE 14-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2183STR Description: IC DRIVER HALFBRIDGE 600V 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21844SPBF Description: IC DRIVER HIGH/LOW SIDE 14SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21GM Description: SERIES 2 , 16MM, 0-5% CO2 IR SEN	Manufacturers: SGX Sensortech	RFQ
	Part#: IR2183SPBF Description: IC DRIVER HALF BRIDG 600V 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21GJ Description: SERIES 2, 19MM, 0-5% CO2 IR SENS	Manufacturers: SGX Sensortech	RFQ
	Part#: IR2183PBF Description: IC DRIVER HALF BRIDGE 8DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21EJ Description: SERIES 2, 19MM, 0-5% CO2 IR SENS	Manufacturers: SGX Sensortech	RFQ
	Part#: IR2213 Description: IC DRIVER HIGH/LOW SIDE 14-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21EM Description: SERIES 2, 16MM, 0 TO 5% CO2 IR S	Manufacturers: SGX Sensortech	RFQ
	Part#: IR2213PBF Description: IC DRIVER HIGH/LOW SIDE 14-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21844PBF Description: IC DRIVER HIGH/LOW SIDE 14-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2184STRPBF Description: IC DVR HALF BRIDGE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR21844S Description: IC DRIVER HIGH/LOW SIDE 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2184PBF Description: IC DRIVER HIGH/LOW SIDE 8DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR2184SPBF Description: IC DRIVER HIGH/LOW SIDE 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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