

IRS2103SPBF



Part Number: [IRS2103SPBF](#)

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

Description IC DRIVER HALF-BRIDGE HV 8-SOIC

Data sheet:  [IRS2103\(S\)PbF](#)

RoHs Status: Lead free / RoHS Compliant

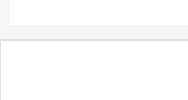
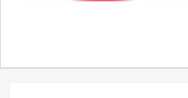
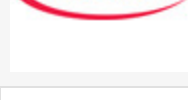
Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	IRS2103SPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRIVER HALF-BRIDGE HV 8-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	145134 pcs	Data sheet	IRS2103(S)PbF
Category	Integrated Circuits (ICs)	Voltage - Supply	10 V ~ 20 V
Supplier Device Package	8-SOIC	Series	-
Rise / Fall Time (Typ)	70ns, 35ns	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	SP001548512
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	Inverting, 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 Inverting, Non-Inverting 8-SOIC
Current - Peak Output (Source, Sink)	290mA, 600mA	Channel Type	Independent
Base Part Number	IRS2103SPBF		
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