

IRS2183PBF



Part Number: [IRS2183PBF](#)

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

Description: IC DRIVER HALF-BRIDGE 8-DIP

Data sheet:  [IRS2183/IRS21834\(S\)PbF](#)

RoHs Status: Lead free / RoHS Compliant

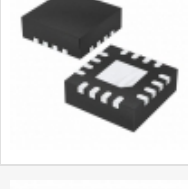
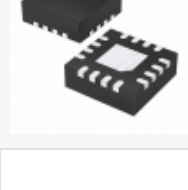
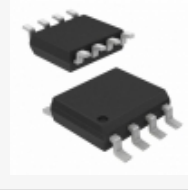
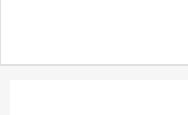
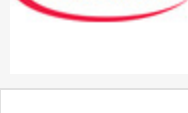
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Request For Quotation

PRODUCT PARAMETER			
Part Number	IRS2183PBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRIVER HALF-BRIDGE 8-DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43974 pcs	Data sheet	IRS2183/IRS21834(S)PbF
Category	Integrated Circuits (ICs)	Voltage - Supply	10 V ~ 20 V
Supplier Device Package	8-PDIP	Series	-
Rise / Fall Time (Typ)	40ns, 20ns	Packaging	Tube
Package / Case	8-DIP (0.300", 7.62mm)	Other Names	SP001545574
Operating Temperature	-40°C ~ 150°C (TJ)	Number of Drivers	2
Mounting Type	Through Hole	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	18 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-PDIP
Current - Peak Output (Source, Sink)	1.9A, 2.3A	Channel Type	Independent
Base Part Number	IRS2183PBF		
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	Part#: IRS21814SPBF Description: IC DRIVER HIGH/LOW SIDE 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS21844MTRPBF Description: IC DRIVER HALF-BRIDGE 16MLPQ	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS21814MTRPBF Description: IC DRIVER HIGH/LOW SIDE 16MLPQ	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS21844PBF Description: IC DVR HALF BRIDGE 14-DIP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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