

IRS2453DSPBF



Part Number: [IRS2453DSPBF](#)

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

Description: IC DRIVER FULL SELF OSC 14-SOIC

Data sheet:  [IRS2453D\(S\)PbF](#)

RoHs Status: Lead free / RoHS Compliant

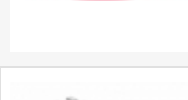
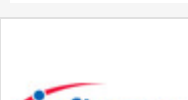
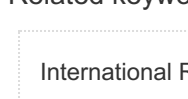
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	IRS2453DSPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRIVER FULL SELF OSC 14-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	91719 pcs	Data sheet	IRS2453D(S)PbF
Category	Integrated Circuits (ICs)	Voltage - Supply	10 V ~ 15.6 V
Supplier Device Package	14-SOIC	Series	-
Rise / Fall Time (Typ)	120ns, 50ns	Packaging	Tube
Package / Case	14-SOIC (0.154", 3.90mm Width)	Other Names	SP001546404
Operating Temperature	-25°C ~ 125°C (TJ)	Number of Drivers	4
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2 (1 Year)
Manufacturer Standard Lead Time	16 Weeks	Logic Voltage - VIL, VIH	4.7V, 9.3V
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	RC Input Circuit
High Side Voltage - Max (Bootstrap)	600V	Gate Type	N-Channel MOSFET
Driven Configuration	Half-Bridge	Detailed Description	Half-Bridge Gate Driver IC RC Input Circuit 14-SOIC
Current - Peak Output (Source, Sink)	180mA, 260mA	Channel Type	Synchronous
Base Part Number	IRS2453DSPBF		
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RELATED PRODUCTS			
	Part#: IRS2336DSPBF Description: IC DRIVER BRIDGE 3-PHASE 28-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS24531DSPBF Description: IC DVR FULL BRDG SELF OSC 14SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2505LTRPBF Description: IC PFC MOSFET SOT-23-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2336DSTRPBF Description: IC GATE DRIVER HV 3PHASE 28-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2453DSTRPBF Description: IC DRIVER FULL SELF OSC 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS2336JPBF Description: IC DRIVER BRIDGE 3-PHASE 44-PLCC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2336JTRPBF Description: IC GATE DRIVER HV 3PHASE 44-PLCC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS2509STRPBF Description: IC MOSFET DRIVER	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2509C Description: IC MOSFET DRIVER	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS24531DSTRPBF Description: IC DVR FULL BRIDGE OSC 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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