

IRS2453DSTRPBF



Part Number: [IRS2453DSTRPBF](#)

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

Description: IC DRIVER FULL SELF OSC 14-SOIC

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

RoHs Status: Lead free / RoHS Compliant

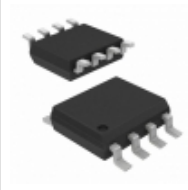
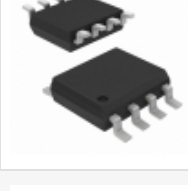
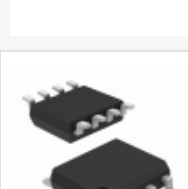
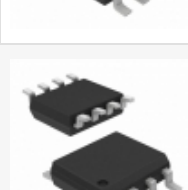
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Request For Quotation

PRODUCT PARAMETER			
Part Number	IRS2453DSTRPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRIVER FULL SELF OSC 14-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	64730 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	Tape & Reel (TR)
Package / Case	14-SOIC (0.154", 3.90mm Width)	Other Names	IRS2453DSTRPBFTR SP001543210
Operating Temperature	-25°C ~ 125°C (TJ)	Number of Drivers	4
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
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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	Part#: IRS2509CD Description: IC MOSFET DRIVER	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2336STRPBF Description: IC GATE DRIVER HV 3PHASE 28-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2509STRPBF Description: IC MOSFET DRIVER	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS25091STRPBF Description: IC MOSFET DRIVER	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2336DSTRPBF Description: IC GATE DRIVER HV 3PHASE 28-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS24531DSTRPBF Description: IC DVR FULL BRIDGE OSC 14-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2336JPBF Description: IC DRIVER BRIDGE 3-PHASE 44-PLCC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2509SPBF Description: IC MOSFET DRIVER	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS2336JTRPBF Description: IC GATE DRIVER HV 3PHASE 44-PLCC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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