

IRS27951STRPBF



Part Number: [IRS27951STRPBF](#)

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

Description: IC REG CTRLR BUCK/HALF-BRG 8SOIC

Data sheet:  [IRS27951S, IRS27952\(4\)S](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	IRS27951STRPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC REG CTRLR BUCK/HALF-BRG 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5719 pcs	Data sheet	IRS27951S, IRS27952(4)S
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	12 V ~ 18 V
Topology	Buck, Half-Bridge	Synchronous Rectifier	Yes
Supplier Device Package	8-SOIC	Series	-
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	2	Output Configuration	Positive, Isolation Capable
Other Names	SP001574370	Operating Temperature	-40°C ~ 150°C (TJ)
Number of Outputs	2	Moisture Sensitivity Level (MSL)	2 (1 Year)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down, Step-Up/Step-Down
Frequency - Switching	Up to 500kHz	Duty Cycle (Max)	50%
Detailed Description	Buck, Half-Bridge Regulator Positive, Isolation Capable Output Step-Down, Step-Up/Step-Down DC-DC Controller IC 8-SOIC	Control Features	Enable, Frequency Control
Clock Sync	No	Base Part Number	IRS27951SPBF
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	Part#: IRS27952STRPBF Description: IC REG CTRLR BUCK/HALF-BRG 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS2807DSPBF Description: HVIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS27951SPBF Description: IC REG CTRLR BUCK/HALF-BRG 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS2890DSTRPBF Description: IC DRIVER HALF-BRIDGE 14SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRS2807DSTRPBF Description: HVIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRS27952SPBF Description: IC REG CTRLR BUCK/HALF-BRG 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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