



International Rectifier (Infineon Technologies)

Technologies)



IRS2509STRPBF

Part Number:	IRS2509STRPBF
Manufacturer/Brand:	International Rectifier (Infineon Technologies)
Product description	IC MOSFET DRIVER
Datasheets:	 IRS2509STRPBF.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6830 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of IRS2509STRPBF

PART NUMBER	IRS2509STRPBF
MANUFACTURER	International Rectifier (Infineon Technologies)
DESCRIPTION	IC MOSFET DRIVER
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6830 pcs
DATA SHEET	 IRS2509STRPBF.pdf
VOLTAGE - SUPPLY	10 V ~ 20 V
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	-
RISE / FALL TIME (TYP)	150ns, 50ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	SP001543190
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
NUMBER OF DRIVERS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LOGIC VOLTAGE - VIL, VIH	0.8V, 2.2V
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	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 Non-Inverting 8-SOIC
CURRENT - PEAK OUTPUT (SOURCE, SINK)	200mA, 350mA
CHANNEL TYPE	Synchronous
BASE PART NUMBER	IRS2509SPBF

Related Tags

International Rectifier (Infineon Technologies) IRS2509STRPBF	IRS2509STRPBF Distributor	IRS2509STRPBF Supplier
IRS2509STRPBF Price	IRS2509STRPBF Pictures	IRS2509STRPBF Image
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Related Products

 IRS2530DPBF Manufacturers: International Rectifier (Infineon Technologies) Description: IC CTRL BALLAST DIMMING 8-DIP In stock: 6142 pcs RFQ	 IRS2509C Manufacturers: International Rectifier (Infineon Technologies) Description: IC MOSFET DRIVER In stock: 3444 pcs RFQ
 IRS2526DSTRPBF Manufacturers: International Rectifier (Infineon Technologies) Description: IC MINI-BALLAST CTRL 8SOIC In stock: 5618 pcs RFQ	 IRS2526DSPBF Manufacturers: International Rectifier (Infineon Technologies) Description: IC MINI-BALLAST CTRL 8SOIC In stock: 6780 pcs RFQ
 IRS2538DSPBF Manufacturers: International Rectifier (Infineon Technologies) Description: IC DIMMING BALLAST CTRL 8-SOIC In stock: 7007 pcs RFQ	 IRS2530DSPBF Manufacturers: International Rectifier (Infineon Technologies) Description: IC BALLAST CTRL DIM 600V 8-SOIC In stock: 6839 pcs RFQ
 IRS2505LTRPBF Manufacturers: International Rectifier (Infineon Technologies) Description: IC PFC MOSFET SOT-23-5 In stock: 320685 pcs RFQ	 IRS2509SPBF Manufacturers: International Rectifier (Infineon Technologies) Description: IC MOSFET DRIVER In stock: 6068 pcs RFQ
 IRS25091STRPBF Manufacturers: International Rectifier (Infineon Technologies) Description: IC MOSFET DRIVER In stock: 5943 pcs RFQ	 IRS25091SPBF Manufacturers: International Rectifier (Infineon Technologies) Description: IC MOSFET DRIVER In stock: 6316 pcs RFQ
 IRS2530DSTRPBF Manufacturers: International Rectifier (Infineon Technologies) Description: IC DIMMING BALLAST CTRL 8-SOIC In stock: 6074 pcs RFQ	 IRS2509CD Manufacturers: International Rectifier (Infineon Technologies) Description: IC MOSFET DRIVER In stock: 5288 pcs RFQ