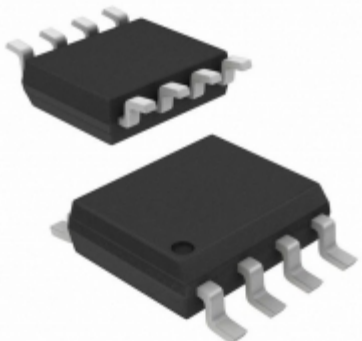


IRU3037CSTRPBF



Part Number: [IRU3037CSTRPBF](#)

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

Description: IC REG CTRLR BUCK/BOOST 8SOIC

Data sheet:  [IRU3037/A \(PbF\)](#)

RoHs Status: Lead free / RoHS Compliant

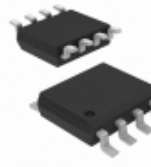
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	IRU3037CSTRPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC REG CTRLR BUCK/BOOST 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	81473 pcs	Data sheet	IRU3037/A (PbF)
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 25 V
Topology	Buck, Boost	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	1	Output Configuration	Positive
Other Names	IRU3037CSPBFTR IRU3037CSTRPBF-ND IRU3037CSTRPBFTR-ND SP001530998	Operating Temperature	0°C ~ 70°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	39 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up, Step-Down	Frequency - Switching	200kHz
Duty Cycle (Max)	90%	Detailed Description	Buck, Boost Regulator Positive Output Step-Up, Step-Down DC-DC Controller IC 8-SOIC
Control Features	Enable, Soft Start	Clock Sync	No
Base Part Number	IRU3037CSPBF		
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RELATED PRODUCTS			
	Part#: IRU3037CS Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRU3048CSTR Description: IC REG TRPL BCK/LDO SYNC 16SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3037CFPBF Description: IC REG CTRLR BUCK/BOOST 8TSSOP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3037ACSPBF Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3038CS Description: IC REG CTRLR BUCK/BOOST 14SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3046CFTR Description: IC REG TRPL BCK/LDO SYNC 24TSSOP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3038CF Description: IC REG CTRLR BUCK/BOOST 14TSSOP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3037CSPBF Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3037CFTR Description: IC REG CTRLR BUCK/BOOST 8TSSOP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRU3055CQTR Description: IC CTRL SYNC 3-PHASE 36-QSOP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3037ACSTRPBF Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3039CHTR Description: IC REG CTRLR BUCK/BOOST 20MLPQ	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRU3037ACSTR Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3065CLTR Description: IC REG CTRLR BUCK-BOOST SOT23-6	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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