

IRU3037ACSPBF



Part Number: [IRU3037ACSPBF](#)

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

Description: IC REG CTRLR BUCK/BOOST 8SOIC

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

RoHs Status: Lead free / RoHS Compliant

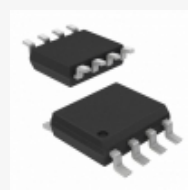
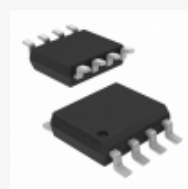
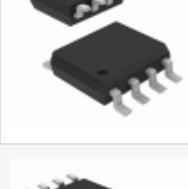
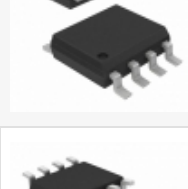
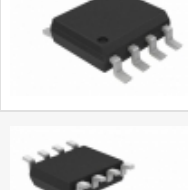
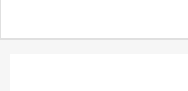
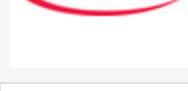
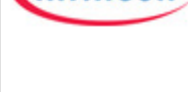
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Request For Quotation

PRODUCT PARAMETER			
Part Number	IRU3037ACSPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC REG CTRLR BUCK/BOOST 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4068 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	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Other Names	*IRU3037ACSPBF SP001532424	Operating Temperature	0°C ~ 70°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up, Step-Down
Frequency - Switching	400kHz	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	IRU3037ACSPBF
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	Part#: IRU3037CFTRPBF Description: IC REG CTRLR BUCK/BOOST 8TSSOP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3037CF Description: IC REG CTRLR BUCK/BOOST 8TSSOP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRU3037CS Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRU3033CSPBF Description: IC CONTROLLER PWM SWITCH 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3037ACSTR Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3037CSPBF Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3027CW Description: IC CTRL/REG SYNC BUCK 28-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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