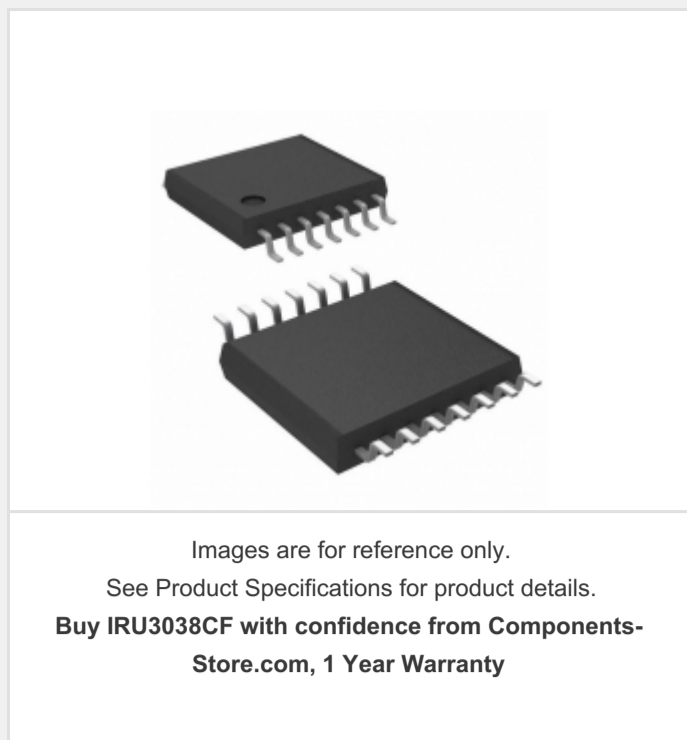


**IRU3038CF**



**Part Number:** [IRU3038CF](#)  
**Manufacturer:** [International Rectifier \(Infineon Technologies\)](#)  
**Description:** IC REG CTRLR BUCK/BOOST 14TSSOP  
**Data sheet:** [IRU3038](#)

**RoHS Status:** Contains lead / RoHS non-compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	<a href="#">IRU3038CF</a>
Manufacturer	<a href="#">International Rectifier (Infineon Technologies)</a>
Description	IC REG CTRLR BUCK/BOOST 14TSSOP
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	72176 pcs
Product Photo	<a href="#">IRU3038CF.jpg</a>
Category	<a href="#">Integrated Circuits (ICs)</a>
Voltage - Supply (Vcc/Vdd)	4.2 V ~ 25 V
Topology	Buck, Boost
Synchronous Rectifier	Yes
Supplier Device Package	14-TSSOP
Series	-
Serial Interfaces	-
Packaging	Tube
Package / Case	14-TSSOP (0.173", 4.40mm Width)
Output Type	Transistor Driver
Output Phases	1
Output Configuration	Positive
Other Names	*IRU3038CF
Operating Temperature	0°C ~ 70°C (TA)
Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-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 14-TSSOP
Control Features	Frequency Control, Soft Start
Clock Sync	No
Base Part Number	IRU3038CF

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RFQ Email: [info@Components-Store.com](mailto:info@Components-Store.com)

RELATED PRODUCTS			
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	Part#: <a href="#">IRU3037CFTRPBF</a> Description: IC REG CTRLR BUCK/BOOST 8TSSOP	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 5145	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3055CQTR</a> Description: IC CTRL SYNC 3-PHASE 36-QSOP	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 5532	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3037ACSTRPBF</a> Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 4111	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3046CFTR</a> Description: IC REG TRPL BCK/LDO SYNC 24TSSOP	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 59620	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3037CSPBF</a> Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 4370	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3037CSTRPBF</a> Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 78213	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3037CS</a> Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 5034	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3073CQTR</a> Description: IC REG DL BCK/LINEAR 16-QSOP	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 4794	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3037CFPBF</a> Description: IC REG CTRLR BUCK/BOOST 8TSSOP	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 44493	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3038CS</a> Description: IC REG CTRLR BUCK/BOOST 14SOIC	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 4460	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3065CLTR</a> Description: IC REG CTRLR BUCK-BOOST SOT23-6	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 54140	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3037CF</a> Description: IC REG CTRLR BUCK/BOOST 8TSSOP	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 5656	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3037CSTR</a> Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 6009	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3037CFTR</a> Description: IC REG CTRLR BUCK/BOOST 8TSSOP	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 71383	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3048CSTR</a> Description: IC REG TRPL BCK/LDO SYNC 16SOIC	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 60179	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3039CHTR</a> Description: IC REG CTRLR BUCK/BOOST 20MLPQ	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 4735	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3038CSTR</a> Description: IC REG CTRLR BUCK/BOOST 14SOIC	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 4310	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3047CWTR</a> Description: IC REG TRPL BCK/LDO SYNC 20SOIC	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 5557	<a href="#">RFQ</a>
	Part#: <a href="#">IRU3048CFTR</a> Description: IC REG TRPL BCK/LDO SYNC 16TSSOP	Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> In Stock: 56372	<a href="#">RFQ</a>

Related keywords for IRU3038CF			
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