

IRU3138CSTRPBF



Part Number: [IRU3138CSTRPBF](#)

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

Description: IC REG CTRLR BUCK 14SOIC

Data sheet:  [IRU3138](#)

RoHs Status: Lead free / RoHS Compliant

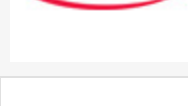
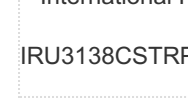
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PRODUCT PARAMETER			
Part Number	IRU3138CSTRPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC REG CTRLR BUCK 14SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5584 pcs	Data sheet	IRU3138
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.25 V ~ 25 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	14-SOIC	Series	-
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	14-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Operating Temperature	0°C ~ 70°C (TA)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	2 (1 Year)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	200kHz ~ 400kHz
Duty Cycle (Max)	90%	Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 14-SOIC
Control Features	Enable, Frequency Control, Soft Start	Clock Sync	No
Base Part Number	IRU3138CSPBF		
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	Part#: IRU3065CLTR Description: IC REG CTRLR BUCK-BOOST SOT23-6	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU431LCL5TR Description: IC VREF SHUNT ADJ SOT23-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3138CSTR Description: IC REG CTRLR BUCK 14SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU431-L3TR Description: IC VREF SHUNT ADJ +/-1% SOT23-3	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3146CFTR Description: IC REG CTRLR BUCK 28TSSOP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3048CSTR Description: IC REG TRPL BCK/LDO SYNC 16SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU431LCSTR Description: IC VREF SHUNT ADJ +/-1% 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRU3048CFTR Description: IC REG TRPL BCK/LDO SYNC 16TSSOP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRU431ALCS Description: IC VREF SHUNT ADJ +/-0.5% 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU431ALCSTR Description: IC VREF SHUNT ADJ 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU3137CSTR Description: IC REG CTRLR BUCK 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRU431LCL3TR Description: IC VREF SHUNT ADJ SOT23	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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