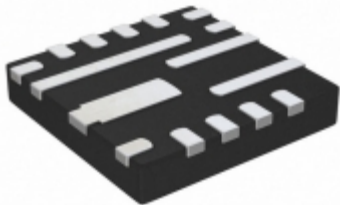


RT6242AHGQUF



Part Number: [RT6242AHGQUF](#)

Manufacturer: [Richtek](#)

Description: IC REG BUCK ADJ 12A SYNC 16UQFN

Data sheet:  [RT6242A, RT6242B](#)

RoHs Status: Lead free / RoHS Compliant

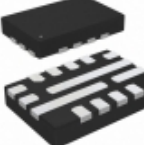
Ship From: Hong Kong

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	RT6242AHGQUF	Manufacturer	Richtek
Description	IC REG BUCK ADJ 12A SYNC 16UQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	51290 pcs	Data sheet	RT6242A, RT6242B
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.7V
Voltage - Output (Max)	8V	Voltage - Input (Min)	4.5V
Voltage - Input (Max)	18V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	16-UQFN (3x3)
Series	ACOT™	Packaging	Tape & Reel (TR)
Package / Case	16-UQFN	Output Type	Adjustable
Output Configuration	Positive	Other Names	1028-1395-2
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	300kHz ~ 700kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.7V 1 Output 12A 16-UQFN	Current - Output	12A
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RELATED PRODUCTS			
	Part#: RT6250BHGQUF Description: IC REG BUCK ADJ 10A UQFN-12H	Manufacturers: Richtek	RFQ
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	Part#: RT6254AHGJ8F Description: IC REG BUCK ADJ 4A SYNC TSOT23-8	Manufacturers: Richtek	RFQ
	Part#: RT6237BLGQUF Description: IC REG BUCK ADJ 7A SYNC	Manufacturers: Richtek	RFQ
	Part#: RT6238BHGQUF Description: IC REG BUCK ADJ 8A SYNC	Manufacturers: Richtek	RFQ
	Part#: RT6242BHGQUF Description: IC REG BUCK ADJ 12A SYNC 16UQFN	Manufacturers: Richtek	RFQ
	Part#: RT6254AHGJ6F Description: IC REG BUCK ADJ 4A SYNC TSOT23-6	Manufacturers: Richtek	RFQ
	Part#: RT6254BHGJ8F Description: IC REG BUCK ADJ 4A SYNC TSOT23-8	Manufacturers: Richtek	RFQ
	Part#: RT6239BHGQUF Description: IC REG BUCK ADJ 9A SYNC	Manufacturers: Richtek	RFQ
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	Part#: RT6238BLGQUF Description: IC REG BUCK ADJ 8A SYNC	Manufacturers: Richtek	RFQ
	Part#: RT6255AHGJ8F Description: IC REG BUCK ADJ 5A SYNC TSOT23-8	Manufacturers: Richtek	RFQ
	Part#: RT6237BHGQUF Description: IC REG BUCK ADJ 7A SYNC	Manufacturers: Richtek	RFQ
	Part#: RT6239AHGQUF Description: IC REG BUCK ADJ 9A SYNC	Manufacturers: Richtek	RFQ
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