

RT6206AHGSP



Part Number: [RT6206AHGSP](#)

Manufacturer: [Richtek](#)

Description: IC REG BUCK ADJ 5.5A SYNC 8SOP

Data sheet:  [RT6206A](#)

RoHs Status: Lead free / RoHS Compliant

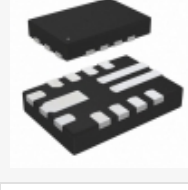
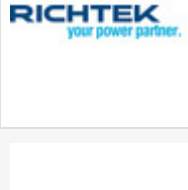
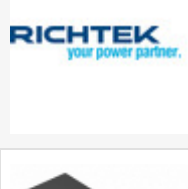
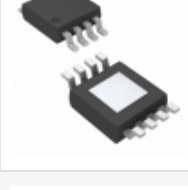
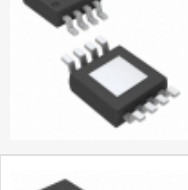
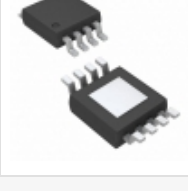
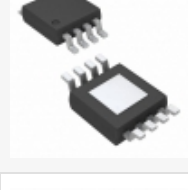
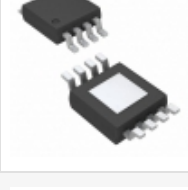
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PRODUCT PARAMETER			
Part Number	RT6206AHGSP	Manufacturer	Richtek
Description	IC REG BUCK ADJ 5.5A SYNC 8SOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	83215 pcs	Data sheet	RT6206A
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.765V
Voltage - Output (Max)	8V	Voltage - Input (Min)	4.5V
Voltage - Input (Max)	18V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-SOP-EP
Series	ACOT™	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	RT6206AHGSPTR
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	650kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.765V 1 Output 5.5A 8-SOIC (0.154", 3.90mm Width) Exposed Pad	Current - Output	5.5A
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RELATED PRODUCTS			
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	Part#: RT6158HWSC	Manufacturers: Richtek	RFQ
	Description: IC BUCK-BOOST 3A WL-CSP-25B		
	Part#: RT6208GE	Manufacturers: Richtek	RFQ
	Description: IC REG BUCK ADJ 0.1A SYNC SOT23		
	Part#: RT6212AHGJ6F	Manufacturers: Richtek	RFQ
	Description: IC REG BUCK ADJ 2A SYNC		
	Part#: RT6207BHGQUF	Manufacturers: Richtek	RFQ
	Description: IC REG BUCK ADJ 5A SYNC 13UQFN		
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	Description: IC REG BUCK ADJ 5A WQFN-20		
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	Part#: RT6200GE	Manufacturers: Richtek	RFQ
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	Description: IC REG BUCK ADJ 5A SYNC 8SOP		
	Part#: RT6204GSP	Manufacturers: Richtek	RFQ
	Description: IC REG BUCK ADJ 0.5A SYNC 8PSOP		
	Part#: RT6202AHGSP	Manufacturers: Richtek	RFQ
	Description: IC REG BUCK ADJ 5A SYNC 8SOP		
	Part#: RT6211BHGE	Manufacturers: Richtek	RFQ
	Description: IC REG BUCK ADJ 1.5A SYNC SOT23-		
	Part#: RT6211AHGE	Manufacturers: Richtek	RFQ
	Description: IC REG BUCK ADJ 1.5A SYNC SOT23-		
	Part#: RT6207AHGQUF	Manufacturers: Richtek	RFQ
	Description: IC REG BUCK ADJ 5A SYNC 13UQFN		

Related keywords for RT6206AHGSP

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