

SI-8205NHG



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Part Number: [SI-8205NHG](#)

Manufacturer: [Sanken Electric Co., Ltd.](#)

Description: IC REG BUCK ADJ 3A SYNC 8HSOP

Data sheet:  [SI-8205NHG Appl Note](#)
 [General Catalog](#)

RoHs Status: Lead free / RoHS Compliant

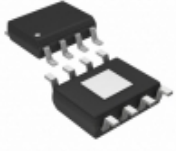
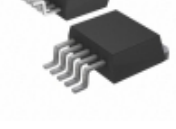
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PRODUCT PARAMETER			
Part Number	SI-8205NHG	Manufacturer	Sanken Electric Co., Ltd.
Description	IC REG BUCK ADJ 3A SYNC 8HSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	91980 pcs	Data sheet	SI-8205NHG Appl Note General Catalog
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.5V
Voltage - Output (Max)	24V	Voltage - Input (Min)	7V
Voltage - Input (Max)	43V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-HSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.173", 4.40mm Width) Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	SI-8205NHG DK
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	300kHz ~ 1MHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.5V 1 Output 3A 8-SOIC (0.173", 4.40mm Width) Exposed Pad	Current - Output	3A

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	Part#: SI-8205NHD Description: IC REG BUCK ADJ 3A SYNC 8HSOP	Manufacturers: Sanken Electric Co., Ltd.	RFQ
	Part#: SI-B8A131560WW Description: LINEAR TYPE	Manufacturers: Samsung Semiconductor	RFQ
	Part#: SI-8401L Description: DC DC CONVERTER 5V 0.5A	Manufacturers: Sanken Electric Co., Ltd.	RFQ
	Part#: SI-8120JD Description: IC REG BUCK 12V 1.5A TO263-5	Manufacturers: Sanken Electric Co., Ltd.	RFQ
	Part#: SI-8205NHD-TL Description: IC REG BUCK ADJ 3A SYNC 8HSOP	Manufacturers: Sanken Electric Co., Ltd.	RFQ

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