

AP1509-12SG-13



Part Number: [AP1509-12SG-13](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC REG BUCK 12V 2A 8SOIC

Data sheet:  [AP1509](#)

RoHs Status: Lead free / RoHS Compliant

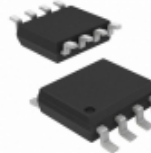
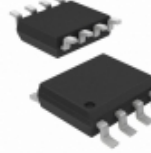
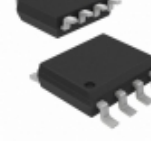
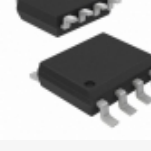
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AP1509-12SG-13	Manufacturer	Diodes Incorporated
Description	IC REG BUCK 12V 2A 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	70819 pcs	Data sheet	AP1509
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	12V
Voltage - Output (Max)	-	Voltage - Input (Min)	4.5V
Voltage - Input (Max)	22V	Topology	Buck
Synchronous Rectifier	No	Supplier Device Package	8-SOP
Series	-	Packaging	Cut Tape (CT)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Fixed
Output Configuration	Positive	Other Names	1034-AP1509-12SGDICT
Operating Temperature	-20°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	150kHz
Detailed Description	Buck Switching Regulator IC Positive Fixed 12V 1 Output 2A 8-SOIC (0.154", 3.90mm Width)	Current - Output	2A
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	Part#: AP1510SG-13 Description: IC REG BUCK ADJ 3A 8SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1507-33D5L-U Description: IC REG BUCK 3.3V 3A TO252-5	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1507-D5L-U Description: IC REG BUCK ADJ 3A TO252-5	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1509-SL-13 Description: IC REG BUCK ADJ 2A 8SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1509-SG-13 Description: IC REG BUCK ADJ 2A 8SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1507-50D5L-U Description: IC REG BUCK 5V 3A TO252-5	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1509-12SL-13 Description: IC REG BUCK 12V 2A 8SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1509-50SL-13 Description: IC REG BUCK 5V 2A 8SOIC	Manufacturers: Diodes Incorporated	RFQ
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	Part#: AP1509-33SG-13 Description: IC REG BUCK 3.3V 2A 8SOIC	Manufacturers: Diodes Incorporated	RFQ
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	Part#: AP1509-50SG-13 Description: IC REG BUCK 5V 2A 8SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1507-50D5L-13 Description: IC REG BUCK 5V 3A TO252-5L	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1507-D5L-13 Description: IC REG BUCK ADJ 3A TO252-5L	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1510SL-13 Description: IC REG BUCK ADJ 3A 8SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1509-33SL-13 Description: IC REG BUCK 3.3V 2A 8SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1510SL-U Description: IC REG BUCK ADJ 3A 8SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP1507-50D5-13 Description: IC REG BUCK 5V 3A TO252-5	Manufacturers: Diodes Incorporated	RFQ

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