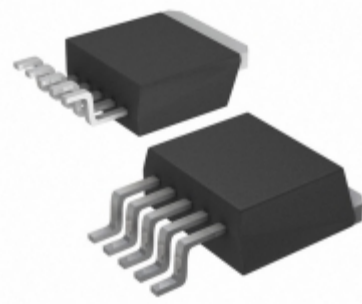


AP1501-12K5G-13



Part Number: [AP1501-12K5G-13](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC REG BUCK 12V 3A TO263-5

Data sheet:  [AP1501](#)

RoHs Status: Lead free / RoHS Compliant

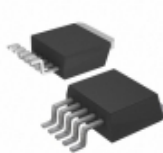
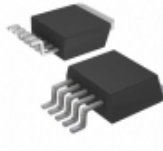
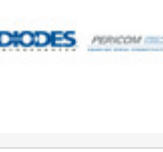
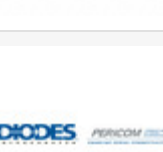
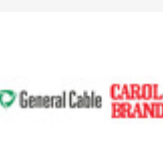
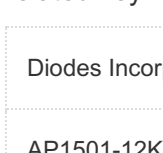
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
Buy AP1501-12K5G-13 with confidence from
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Request For Quotation

PRODUCT PARAMETER		
Part Number	AP1501-12K5G-13	Manufacturer Diodes Incorporated
Description	IC REG BUCK 12V 3A TO263-5	Lead Free Status / RoHS Status Lead free / RoHS Compliant
Quantity Available	85294 pcs	Data sheet AP1501
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed) 12V
Voltage - Output (Max)	-	Voltage - Input (Min) 4.5V
Voltage - Input (Max)	40V	Topology Buck
Synchronous Rectifier	No	Supplier Device Package TO-263-5
Series	-	Packaging Tape & Reel (TR)
Package / Case	TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA	Output Type Fixed
Output Configuration	Positive	Other Names AP1501-12K5G-13DI AP1501-12K5G-13DI-ND AP1501-12K5G-13DITR
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	17 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 3A TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA	Current - Output 3A
Base Part Number	AP1501	
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RELATED PRODUCTS		
	Part#: AP1501-12K5G-U Description: IC REG BUCK 3A TO263-5	Manufacturers: Diodes Incorporated RFQ
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	Part#: AP139-35WG-7 Description: IC REG LDO 3.5V 0.3A SOT25	Manufacturers: Diodes Incorporated RFQ
	Part#: AP1501-12T5L-U Description: IC REG BUCK 12V 3A TO220-5L	Manufacturers: Diodes Incorporated RFQ
	Part#: AP1501-12T5RG-U Description: IC REG BUCK 3A TO220-5	Manufacturers: Diodes Incorporated RFQ
	Part#: AP139-33WG-7 Description: IC REG LINEAR 3.3V 300MA SOT25	Manufacturers: Diodes Incorporated RFQ
	Part#: AP1441A1D.BK Description: 144F SM TB OFNP I/O DIST	Manufacturers: General Cable RFQ
	Part#: AP1441A1R.BK Description: 144F SM TB OFNR I/O DIST	Manufacturers: General Cable RFQ
	Part#: AP1501-33K5L-13 Description: IC REG BUCK 3.3V 3A TO263-5L	Manufacturers: Diodes Incorporated RFQ
	Part#: AP1441PNU-ILPAS Description: 144F SM TB IND PLN INTLK ALUM	Manufacturers: General Cable RFQ
	Part#: AP1501-33T5G-U Description: IC REG BUCK 3A TO220-5	Manufacturers: Diodes Incorporated RFQ
	Part#: AP1501-33T5L-U Description: IC REG BUCK 3.3V 3A TO220-5L	Manufacturers: Diodes Incorporated RFQ
	Part#: AP1501-12K5L-13 Description: IC REG BUCK 12V 3A TO263-5L	Manufacturers: Diodes Incorporated RFQ
	Part#: AP139-33WL-7 Description: IC REG LINEAR 3.3V 300MA SOT25	Manufacturers: Diodes Incorporated RFQ
	Part#: AP1501-33K5G-U Description: IC REG BUCK 3A TO263-5	Manufacturers: Diodes Incorporated RFQ
	Part#: AP1441ANU-ILPAS Description: 144F SM TB I/O PLN INTLK ALUM	Manufacturers: General Cable RFQ
	Part#: AP14 Description: CAP TRIMMER 1-14PF 125V TH	Manufacturers: Knowles Voltronics RFQ
	Part#: AP139-35WL-7 Description: IC REG LINEAR 3.5V 300MA SOT25	Manufacturers: Diodes Incorporated RFQ
	Part#: AP1501-12T5G-U Description: IC REG BUCK 3A TO220-5	Manufacturers: Diodes Incorporated RFQ
	Part#: AP1441P1R Description: 144F SM TB OFNR DISTRIBTN	Manufacturers: General Cable RFQ

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