

RT9166A-25GG



Part Number: [RT9166A-25GG](#)

Manufacturer: [Richtek](#)

Description: IC REG LINEAR 2.5V 600mA SOT223

Data sheet:  [RT9166\(A\)](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	RT9166A-25GG	Manufacturer	Richtek
Description	IC REG LINEAR 2.5V 600mA SOT223	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5155 pcs	Data sheet	RT9166(A)
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.58V @ 600mA (Typ)
Voltage - Output (Min/Fixed)	2.5V	Voltage - Output (Max)	-
Voltage - Input (Max)	5.5V	Supplier Device Package	SOT-223
Series	-	Protection Features	Over Current, Over Temperature
Packaging	Tape & Reel (TR)	Package / Case	TO-261-4, TO-261AA
PSRR	55dB (1kHz)	Output Type	Fixed
Output Configuration	Positive	Operating Temperature	-40°C ~ 85°C (TA)
Number of Regulators	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 600mA SOT-223		
Current - Output	600mA	Current - Quiescent (Iq)	300µA
		Control Features	-
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	Part#: RT9166A-25GXL Description: IC REG LINEAR 2.5V 600mA SOT89-3	Manufacturers: Richtek	RFQ
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	Part#: RT9166A-20GXL Description: IC REG LINEAR 2V 600mA SOT89-3	Manufacturers: Richtek	RFQ
	Part#: RT9166A-18GXL Description: IC REG LINEAR 1.8V 600mA SOT89-3	Manufacturers: Richtek	RFQ
	Part#: RT9166A-33GGL Description: IC REG LINEAR 3.3V 600mA SOT223	Manufacturers: Richtek	RFQ
	Part#: RT9166A-25GGL Description: IC REG LINEAR 2.5V 600mA SOT223	Manufacturers: Richtek	RFQ
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	Part#: RT9166A-33GXL Description: IC REG LINEAR 3.3V 600mA SOT89-3	Manufacturers: Richtek	RFQ
	Part#: RT9166A-12GG Description: IC REG LINEAR 1.2V 600mA SOT223	Manufacturers: Richtek	RFQ
	Part#: RT9166A-15GG Description: IC REG LINEAR 1.5V 600mA SOT223	Manufacturers: Richtek	RFQ
	Part#: RT9166A-12GGL Description: IC REG LINEAR 1.2V 600mA SOT223	Manufacturers: Richtek	RFQ
	Part#: RT9166A-18GX Description: IC REG LINEAR 1.8V 600mA SOT89-3	Manufacturers: Richtek	RFQ
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	Part#: RT9166A-18GG Description: IC REG LINEAR 1.8V 600mA SOT223	Manufacturers: Richtek	RFQ
	Part#: RT9166A-33GX Description: IC REG LINEAR 3.3V 600mA SOT89-3	Manufacturers: Richtek	RFQ
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	Part#: RT9166A-25GX Description: IC REG LINEAR 2.5V 600mA SOT89-3	Manufacturers: Richtek	RFQ
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	Part#: RT9166A-13GG Description: IC REG LINEAR 1.3V 600mA SOT223	Manufacturers: Richtek	RFQ
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