

RT9081A-10GQZA



Part Number: [RT9081A-10GQZA](#)

Manufacturer: [Richtek](#)

Description: IC REG LINEAR 1V 500MA 6-ZADFN

Data sheet:  [RT9081A](#)

RoHs Status: Lead free / RoHS Compliant

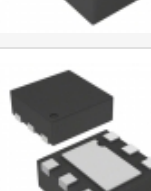
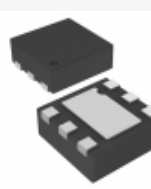
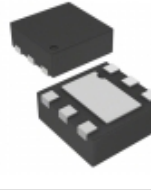
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PRODUCT PARAMETER			
Part Number	RT9081A-10GQZA	Manufacturer	Richtek
Description	IC REG LINEAR 1V 500MA 6-ZADFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	308914 pcs	Data sheet	RT9081A
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.25V @ 500mA
Voltage - Output (Min/Fixed)	1V	Voltage - Output (Max)	-
Voltage - Input (Max)	5.5V	Supplier Device Package	6-ZADFN (1.2x1.2)
Series	-	Protection Features	Current Limit, Thermal Shutdown, UVLO
Packaging	Tape & Reel (TR)	Package / Case	6-XDFN Exposed Pad
PSRR	80dB (1kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	RT9081A-10GQZATR
Operating Temperature	-40°C ~ 85°C (TA)	Number of Regulators	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
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 1V 500mA 6-ZADFN (1.2x1.2)		
Current - Output	500mA	Current - Quiescent (Iq)	110µA
		Control Features	Enable
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RELATED PRODUCTS			
	Part#: RT9081A-13GQZA(2)	Manufacturers: Richtek	RFQ
	Description: IC REG LINEAR 1.3V 500MA 6ZADFN		
	Part#: RT9080-18GQZ	Manufacturers: Richtek	RFQ
	Description: IC REG LINEAR 1.8V 600MA 4ZQFN		
	Part#: RT9083-10GJ5	Manufacturers: Richtek	RFQ
	Description: IC REG LIN 1.05V 250MA TSOT23-5		
	Part#: RT9080-12GQZ	Manufacturers: Richtek	RFQ
	Description: IC REG LINEAR 1.2V 600MA 4ZQFN		
	Part#: RT9080-33GJ5	Manufacturers: Richtek	RFQ
	Description: IC REG LIN 3.3V 600MA TSOT23-5		
	Part#: RT9081A-09GQZA(2)	Manufacturers: Richtek	RFQ
	Description: IC REG LINEAR 0.9V 500MA 6ZADFN		
	Part#: RT9081A-11GQZA	Manufacturers: Richtek	RFQ
	Description: IC REG LINEAR 1.1V 500MA 6ZADFN		
	Part#: RT9081A-15GQZA(2)	Manufacturers: Richtek	RFQ
	Description: IC REG LINEAR 1.5V 500MA 6ZADFN		
	Part#: RT9080-18GJ5	Manufacturers: Richtek	RFQ
	Description: IC REG LIN 1.8V 600MA TSOT23-5		
	Part#: RT9081A-1KGQZA	Manufacturers: Richtek	RFQ
	Description: IC REG LIN 1.05V 500MA 6-ZADFN		
	Part#: RT9081A-18GQZA(2)	Manufacturers: Richtek	RFQ
	Description: IC REG LINEAR 1.8V 500MA 6ZADFN		
	Part#: RT9080-33GQZ	Manufacturers: Richtek	RFQ
	Description: IC REG LINEAR 3.3V 600MA 4ZQFN		
	Part#: RT9080N-08GJ5	Manufacturers: Richtek	RFQ
	Description: IC REG LIN 0.8V 600MA TSOT23-5		
	Part#: RT9081A-12GQZA	Manufacturers: Richtek	RFQ
	Description: IC REG LINEAR 1.2V 500MA 6ZADFN		
	Part#: RT9081AGQZA(2)	Manufacturers: Richtek	RFQ
	Description: IC REG LIN POS ADJ 500MA 6-ZADFN		
	Part#: RT9080N-18GJ5	Manufacturers: Richtek	RFQ
	Description: IC REG LIN 1.8V 600MA TSOT23-5		
	Part#: RT9080N-12GJ5	Manufacturers: Richtek	RFQ
	Description: IC REG LIN 1.2V 600MA TSOT23-5		
	Part#: RT9081A-1BGQZA(2)	Manufacturers: Richtek	RFQ
	Description: IC REG LIN 1.25V 500MA 6-ZADFN		
	Part#: RT9080N-33GJ5	Manufacturers: Richtek	RFQ
	Description: IC REG LIN 3.3V 600MA TSOT23-5		
	Part#: RT9081A-1AGQZA(2)	Manufacturers: Richtek	RFQ
	Description: IC REG LIN 1.15V 500MA 6-ZADFN		

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