



### **UA78M08CDCY Information**



For Reference Only

Part Number UA78M08CDCY
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 8V 500MA SOT223-4

Package TO-261-4, TO-261AA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **UA78M08CDCY Specifications**

Manufacturer Part Number         UA78M08CDCY           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Package         TO-261-4, TO-261AA           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         25V           Voltage - Output (Min/Fixed)         8V           Voltage - Output (Max)         -           Voltage - Output (Max)         2V @ 350mA           Current - Output         500mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         -           PSRR         80d8 (120Hz)           Control Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223-4	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         TO-261-4, TO-261AA           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         25V           Voltage - Output (Min/Fixed)         8V           Voltage - Output (Max)         -           Voltage Dropout (Max)         2V @ 350mA           Current - Output         500mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         -           PSRR         80dB (120Hz)           Control Features         -           Protection Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223-4	Manufacturer Part Number	UA78M08CDCY
Package         TO-261-4, TO-261AA           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         25V           Voltage - Output (Min/Fixed)         8V           Voltage - Output (Max)         -           Voltage Dropout (Max)         2V @ 350mA           Current - Output         500mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         -           PSRR         80dB (120Hz)           Control Features         -           Protection Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223-4	Manufacturer	Texas Instruments
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Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)25VVoltage - Output (Min/Fixed)8VVoltage - Output (Max)-Voltage Dropout (Max)2V @ 350mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Package	TO-261-4, TO-261AA
Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 25V  Voltage - Output (Min/Fixed) 8V  Voltage - Output (Max) -  Voltage Dropout (Max) 2V @ 350mA  Current - Output 500mA  Current - Quiescent (Iq) -  Current - Supply (Max) -  PSRR 80dB (120Hz)  Control Features -  Protection Features Over Current, Over Temperature, Short Circuit  Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount  Package / Case TO-261-4, TO-261AA  Supplier Device Package SOT-223-4	Series	-
Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Voltage Dropout (Max)  2V @ 350mA  Current - Output  500mA  Current - Quiescent (Iq)	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  8V  Voltage - Output (Max)  - Voltage Dropout (Max)  2V @ 350mA  Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  80dB (120Hz)  Control Features  - Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-261-4, TO-261AA  Supplier Device Package	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  -  Voltage Dropout (Max)  Current - Output  500mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  -  PSRR  80dB (120Hz)  Control Features  -  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-261-4, TO-261AA  Supplier Device Package	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  2V @ 350mA  Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  - PSRR  80dB (120Hz)  Control Features  - Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-261-4, TO-261AA  Supplier Device Package	Voltage - Input (Max)	25V
Voltage Dropout (Max)  Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  80dB (120Hz)  Control Features  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-261-4, TO-261AA  Supplier Device Package	Voltage - Output (Min/Fixed)	8V
Current - Output 500mA  Current - Quiescent (Iq) -  Current - Supply (Max) -  PSRR 80dB (120Hz)  Control Features -  Protection Features Over Current, Over Temperature, Short Circuit  Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount  Package / Case TO-261-4, TO-261AA  Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)	Voltage Dropout (Max)	2V @ 350mA
Current - Supply (Max)  PSRR 80dB (120Hz)  Control Features  - Protection Features Over Current, Over Temperature, Short Circuit  Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount  Package / Case TO-261-4, TO-261AA  Supplier Device Package SOT-223-4	Current - Output	500mA
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Control Features - Over Current, Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223-4	Current - Supply (Max)	-
Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223-4	PSRR	80dB (120Hz)
Operating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Control Features	-
Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223-4	Protection Features	Over Current, Over Temperature, Short Circuit
Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223-4	Operating Temperature	0°C ~ 125°C
Supplier Device Package SOT-223-4	Mounting Type	Surface Mount
	Package / Case	TO-261-4, TO-261AA
Report errors?	Supplier Device Package	SOT-223-4
		Report errors?

#### **UA78M08CDCY Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **UA78M08CDCY Payment Methods**



















### **UA78M08CDCY Shipping Methods**













If you have any question about UA78M08CDCY, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com