

MCP1501T-40E/CHY

MCP1501T-40E/CHY Information



For Reference Only

Part Number MCP1501T-40E/CHY
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREF SERIES 4.096V

Package SOD-110

For the pricing/inventory/lead time, please contact

us

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



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MCP1501T-40E/CHY Specifications

Manufacturer Part Number MCP1501T-40E/CHY Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package SOD-110 Series - Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 4.096V Voltage - Output (Max) - Current - Output 20mA Tolerance ±0.09% Temperature Coefficient 50ppm/°C Noise - 0.1Hz to 10Hz 0.1μVp-p Noise - 10Hz to 10kHz 20μVp-p Voltage - Input 4.3 V ~ 5.5 V Current - Supply 550μA Current - Cathode - Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SOD-110 Supplier Device Package SOT-23-6		
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Current - Output 20mA $\pm 0.09\%$ Temperature Coefficient 50ppm/°C Noise - 0.1Hz to 10Hz 0.1 μ Vp-p 20 μ Vp	Voltage - Output (Min/Fixed)	4.096V
Tolerance $\pm 0.09\%$ Temperature Coefficient $50ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $0.1\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $20\mu Vp-p$ Voltage - Input $4.3 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $550\mu\text{A}$ Current - Cathode - Qperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA) Mounting Type Surface Mount Package / Case SOD-110 Supplier Device Package	Voltage - Output (Max)	-
Temperature Coefficient $50ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $0.1\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $20\mu Vp-p$ Voltage - Input $4.3 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $550\mu A$ Current - Cathode - Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA) Mounting Type Surface Mount Package / Case SOD-110 Supplier Device Package	Current - Output	20mA
Noise - 0.1Hz to 10Hz $0.1\mu Vp-p$ $Noise - 10Hz to 10kHz$ $20\mu Vp-p$ $Voltage - Input$ $4.3 V \sim 5.5 V$ $Current - Supply$ $550\mu A$ $Current - Cathode$ $-$ $Operating Temperature$ $-40^{\circ}C \sim 125^{\circ}C (TA)$ $Mounting Type$ $Surface Mount$ $Package / Case$ $SOD-110$ $Supplier Device Package$ $SOT-23-6$	Tolerance	±0.09%
Noise - 10Hz to 10kHz 20 μ Vp-p 4.3 V ~ 5.5 V Current - Supply 550 μ A Current - Cathode - Questing Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SOD-110 Supplier Device Package SOT-23-6	Temperature Coefficient	50ppm/°C
Voltage - Input $4.3 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $550 \mu A$ Current - Cathode $-$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$ Mounting Type Surface Mount Package / Case SOD-110 Supplier Device Package	Noise - 0.1Hz to 10Hz	0.1μVp-p
Current - Supply Current - Cathode Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SOD-110 Supplier Device Package	Noise - 10Hz to 10kHz	20μVp-p
Current - Cathode Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SOD-110 Supplier Device Package SOT-23-6	Voltage - Input	4.3 V ~ 5.5 V
Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOD-110Supplier Device PackageSOT-23-6	Current - Supply	550μΑ
Mounting TypeSurface MountPackage / CaseSOD-110Supplier Device PackageSOT-23-6	Current - Cathode	-
Package / Case SOD-110 Supplier Device Package SOT-23-6	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package SOT-23-6	Mounting Type	Surface Mount
	Package / Case	SOD-110
Report errors?	Supplier Device Package	SOT-23-6
		Report errors?

MCP1501T-40E/CHY 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.

MCP1501T-40E/CHY Payment Methods



















MCP1501T-40E/CHY Shipping Methods













If you have any question about MCP1501T-40E/CHY, please do not hesitate to contact us!

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