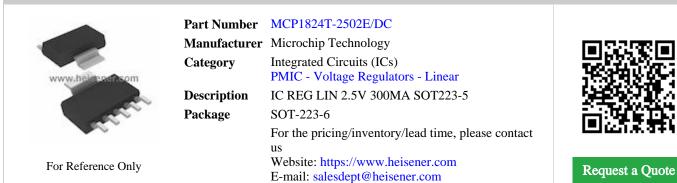


# MCP1824T-2502E/DC

### MCP1824T-2502E/DC Information



## **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.



# MCP1824T-2502E/DC Specifications

Manufacturer Part Number	MCP1824T-2502E/DC	
Manufacturer	Microchip Technology	
Category	Integrated Circuits (ICs)	
	PMIC - Voltage Regulators - Linear	
Package	SOT-223-6	
Series	-	
Output Configuration	Positive	
Output Type	Fixed	
Number of Regulators	1	
Voltage - Input (Max)	6V	
Voltage - Output (Min/Fixed)	2.5V	
Voltage - Output (Max)	-	
Voltage Dropout (Max)	0.32V @ 300mA	
Current - Output	300mA	
Current - Quiescent (Iq)	-	
Current - Supply (Max)	220μΑ	
PSRR	55dB (100Hz)	
Control Features	Enable, Power Good	
Protection Features	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)	
Operating Temperature	$-40^{\circ}C \sim 125^{\circ}C$	
Mounting Type	Surface Mount	
Package / Case	SOT-223-6	
Supplier Device Package	SOT-223-5	
		Report errors?

#### MCP1824T-2502E/DC 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.

#### MCP1824T-2502E/DC Payment Methods





If you have any question about MCP1824T-2502E/DC, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com