



SG7805AT-DESC Information



For Reference Only

Part Number SG7805AT-DESC

Manufacturer Microsemi Corporation

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 5V 500MA TO39 TO-205AD, TO-39-3 Metal Can

For the pricing/inventory/lead time, please contact

us

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



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Description

Package









SG7805AT-DESC Specifications

Manufacturer Part Number SG7805AT-DESC Manufacturer Microsemi Corporation Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-205AD, TO-39-3 Metal Can Series Military, MIL-STD-883 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 2.5V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 7mA PSRR 68dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -55°C ~ 125°C Mounting Type Through Hole		
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PackageTO-205AD, TO-39-3 Metal CanSeriesMilitary, MIL-STD-883Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)35VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)2.5V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)7mAPSRR68dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-55°C ~ 125°CMounting TypeThrough Hole	Category	Integrated Circuits (ICs)
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Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)35VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)2.5V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)7mAPSRR68dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-55°C ~ 125°CMounting TypeThrough Hole	Package	TO-205AD, TO-39-3 Metal Can
Output Type Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 68dB (120Hz) Control Features Protection Features Operating Temperature Operating Type Fixed 1 68dB 1 Control Features Over Current, Over Temperature -55°C ~ 125°C Mounting Type Through Hole	Series	Military, MIL-STD-883
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) Current - Output SoomA Current - Quiescent (Iq) Current - Supply (Max) PSRR 68dB (120Hz) Control Features Protection Features Operating Temperature Operating Type Input (Max) 1 Sov Sov SoomA 2.5V @ 500mA	Output Configuration	Positive
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Voltage - Output (Max) Voltage Dropout (Max) 2.5V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 68dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type Through Hole	Voltage - Input (Max)	35V
Voltage Dropout (Max) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 68dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type 7mod Over Current, Over Temperature -55°C ~ 125°C Mounting Type Through Hole	Voltage - Output (Min/Fixed)	5V
Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 7mA PSRR 68dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -55°C ~ 125°C Mounting Type Through Hole	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 7mA PSRR 68dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -55°C ~ 125°C Mounting Type Through Hole	Voltage Dropout (Max)	2.5V @ 500mA
Current - Supply (Max) PSRR 68dB (120Hz) Control Features - Protection Features Operating Temperature -55°C ~ 125°C Mounting Type 7mA 68dB (120Hz) - Through Hole	Current - Output	500mA
PSRR $68dB (120Hz)$ Control Features - Over Current, Over Temperature Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ Mounting Type Through Hole	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -55°C ~ 125°C Mounting Type Through Hole	Current - Supply (Max)	7mA
Protection Features Over Current, Over Temperature $ -55^{\circ}\text{C} \sim 125^{\circ}\text{C} $ Mounting Type Through Hole	PSRR	68dB (120Hz)
Operating Temperature -55°C ~ 125°C Mounting Type Through Hole	Control Features	-
Mounting Type Through Hole	Protection Features	Over Current, Over Temperature
	Operating Temperature	-55°C ~ 125°C
	Mounting Type	Through Hole
Package / Case TO-205AD, TO-39-3 Metal Can	Package / Case	TO-205AD, TO-39-3 Metal Can
Supplier Device Package TO-39	Supplier Device Package	TO-39
Report errors?		Report errors?

SG7805AT-DESC 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.

SG7805AT-DESC Payment Methods



















SG7805AT-DESC Shipping Methods













If you have any question about SG7805AT-DESC, please do not hesitate to contact us!

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