



#### SC1563ISK3.3TRT Information



For Reference Only

Part Number SC1563ISK3.3TRT

Manufacturer Semtech Corporation

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 3.3V 500MA SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



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## **SC1563ISK3.3TRT Specifications**

Manufacturer Part Number         SC1563ISK3.3TRT           Manufacturer         Semtech Corporation           Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         SC-74A, SOT-753           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6.5V           Voltage - Output (Min/Fixed)         3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.7V @ 500mA           Current - Output         500mA           Current - Supply (Max)         2μA ~ 150μA           PSRR         -           Control Features         Enable           Protection Features         Over Current, Over Temperature	ı.	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         SC-74A, SOT-753           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6.5 V           Voltage - Output (Min/Fixed)         3.3 V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.7 V @ 500mA           Current - Output         500mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         2μA ~ 150μA           PSRR         -           Control Features         Enable           Protection Features         Over Current, Over Temperature	Manufacturer Part Number	SC1563ISK3.3TRT
Package         SC-74A, SOT-753           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6.5V           Voltage - Output (Min/Fixed)         3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.7V @ 500mA           Current - Output         500mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         2μA ~ 150μA           PSRR         -           Control Features         Enable           Protection Features         Over Current, Over Temperature	Manufacturer	Semtech Corporation
PackageSC-74A, SOT-753Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.5 VVoltage - Output (Min/Fixed)3.3 VVoltage - Output (Max)-Voltage Dropout (Max)0.7 V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)2μA ~ 150μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Category	Integrated Circuits (ICs)
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Output TypeFixedNumber of Regulators1Voltage - Input (Max) $6.5V$ Voltage - Output (Min/Fixed) $3.3V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.7V @ 500mA$ Current - Output $500mA$ Current - Quiescent (Iq)-Current - Supply (Max) $2\mu A \sim 150\mu A$ PSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Series	-
Number of Regulators 1  Voltage - Input (Max) 6.5V  Voltage - Output (Min/Fixed) 3.3V  Voltage - Output (Max) -  Voltage Dropout (Max) 0.7V @ 500mA  Current - Output 500mA  Current - Quiescent (Iq) -  Current - Supply (Max) 2 $\mu$ A ~ 150 $\mu$ A  PSRR -  Control Features Enable  Protection Features Over Current, Over Temperature	Output Configuration	Positive
Voltage - Input (Max) $6.5V$ Voltage - Output (Min/Fixed) $3.3V$ Voltage - Output (Max) -  Voltage Dropout (Max) $0.7V @ 500mA$ Current - Output $500mA$ Current - Quiescent (Iq) -  Current - Supply (Max) $2\mu A \sim 150\mu A$ PSRR -  Control Features Enable  Protection Features Over Current, Over Temperature	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  500mA  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  3.3V  3.3V  3.3V  0.7V @ 500mA  0.7V @ 500mA  - Current - Output  500mA  - Current - Supply (Max)  - Current - Supply (Max)  2 $\mu$ A ~ 150 $\mu$ A  PSRR  Over Current, Over Temperature	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.7V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max) $2\mu$ A ~ 150μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Voltage - Input (Max)	6.5V
Voltage Dropout (Max) $0.7V @ 500mA$ Current - Output $500mA$ Current - Quiescent (Iq) - Current - Supply (Max) $2\mu A \sim 150\mu A$ PSRR - Control Features Enable Protection Features Over Current, Over Temperature	Voltage - Output (Min/Fixed)	3.3V
Current - Output $500mA$ Current - Quiescent (Iq)-Current - Supply (Max) $2\mu A \sim 150\mu A$ PSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Voltage - Output (Max)	-
Current - Quiescent (Iq) - $2\mu A \sim 150\mu A$ Current - Supply (Max) $2\mu A \sim 150\mu A$ PSRR - Control Features Enable Protection Features Over Current, Over Temperature	Voltage Dropout (Max)	0.7V @ 500mA
Current - Supply (Max) $2\mu A \sim 150\mu A$ PSRR - Control Features Enable Protection Features Over Current, Over Temperature	Current - Output	500mA
PSRR - Control Features Enable Protection Features Over Current, Over Temperature	Current - Quiescent (Iq)	-
Control Features Enable Protection Features Over Current, Over Temperature	Current - Supply (Max)	$2\mu A \sim 150\mu A$
Protection Features Over Current, Over Temperature	PSRR	-
	Control Features	Enable
	Protection Features	Over Current, Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Operating Temperature	-40°C ~ 150°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case SC-74A, SOT-753	Package / Case	SC-74A, SOT-753
Supplier Device Package SOT-23-5	Supplier Device Package	SOT-23-5
Report errors?		Report errors?

#### SC1563ISK3.3TRT 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.

### SC1563ISK3.3TRT Payment Methods





















### SC1563ISK3.3TRT Shipping Methods













If you have any question about SC1563ISK3.3TRT, please do not hesitate to contact us!

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