



TSM6025AEUR+T Information

Heisener.com

Part Number TSM6025AEUR+T

Manufacturer Silicon Labs

Category Integrated Circuits (ICs)

PMIC - Voltage Reference

Description IC VREF SERIES 2.5V SOT23-3

Package TO-236-3, SC-59, SOT-23-3

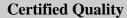
For the pricing/inventory/lead time, please contact $% \left(\frac{1}{2}\right) =\left(\frac{1}{2}\right) \left(\frac{1}{2}\right)$

us

For Reference Only

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

Request a Quote



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.









TSM6025AEUR+T Specifications

Manufacturer Part Number TSM6025AEUR+T Manufacturer Silicon Labs Category Integrated Circuits (ICs) PACKAGE TO-236-3, SC-59, SOT-23-3 Series - Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Current - Output 500μA Tolerance ±0.2% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 50μVp-p Noise - 10Hz to 10kHz 125μVrms Voltage - Input 2.7 V ~ 12.6 V Current - Supply 35μA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3		
Category Integrated Circuits (ICs) PMIC - Voltage Reference Package TO-236-3, SC-59, SOT-23-3 Series Series Output Type Fixed Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Current - Output 500μA Tolerance ±0.2% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 50μVp-p Noise - 10Hz to 10kHz 125μVrms Voltage - Input 2.7 V ~ 12.6 V Current - Supply 35μA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Manufacturer Part Number	TSM6025AEUR+T
Package PMIC - Voltage Reference Package TO-236-3, SC-59, SOT-23-3 Series - Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 2.5 V Voltage - Output (Max) - Current - Output 500μA Tolerance ±0.2% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 50μVp-p Noise - 10Hz to 10kHz 125μVrms Voltage - Input 2.7 V ~ 12.6 V Current - Supply 35μA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Manufacturer	Silicon Labs
Package TO-236-3, SC-59, SOT-23-3 Series - Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Current - Output 500μA Tolerance ±0.2% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 50μVp-p Noise - 10Hz to 10kHz 125μVrms Voltage - Input 2.7 V ~ 12.6 V Current - Supply 35μA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Category	Integrated Circuits (ICs)
Series - Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Current - Output 500μA Tolerance ±0.2% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 50μVp-p Noise - 10Hz to 10kHz 125μVrms Voltage - Input 2.7 V ~ 12.6 V Current - Supply 35μA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3		PMIC - Voltage Reference
Reference TypeSeriesOutput TypeFixedVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Current - Output500μATolerance±0.2%Temperature Coefficient20ppm/°CNoise - 0.1Hz to 10Hz50μVp-pNoise - 10Hz to 10kHz125μVrmsVoltage - Input2.7 V ~ 12.6 VCurrent - Supply35μACurrent - Cathode-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Package	TO-236-3, SC-59, SOT-23-3
Output TypeFixedVoltage - Output (Min/Fixed) $2.5V$ Voltage - Output (Max)-Current - Output 500μ ATolerance $\pm 0.2\%$ Temperature Coefficient $20pm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $50\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $125\mu Vrms$ Voltage - Input $2.7 V \sim 12.6 V$ Current - Supply 35μ ACurrent - Cathode-Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Series	-
Voltage - Output (Min/Fixed) 2.5 V Voltage - Output (Max) - Current - Output 500μA Tolerance ±0.2% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 50μVp-p Noise - 10Hz to 10kHz 125μVrms Voltage - Input 2.7 V ~ 12.6 V Current - Supply 35μA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Reference Type	Series
Voltage - Output (Max)-Current - Output500μATolerance±0.2%Temperature Coefficient20ppm/°CNoise - 0.1Hz to 10Hz50μVp-pNoise - 10Hz to 10kHz125μVrmsVoltage - Input2.7 V ~ 12.6 VCurrent - Supply35μACurrent - Cathode-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Output Type	Fixed
Current - Output $500\mu A$ Tolerance $\pm 0.2\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $50\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $125\mu Vrms$ Voltage - Input $2.7 V \sim 12.6 V$ Current - Supply $35\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage - Output (Min/Fixed)	2.5V
Tolerance $\pm 0.2\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - 0.1Hz to 10Hz $50\mu Vp-p$ Noise - 10Hz to 10kHz $125\mu Vrms$ Voltage - Input $2.7 \text{ V} \sim 12.6 \text{ V}$ Current - Supply $35\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage - Output (Max)	-
Temperature Coefficient $20ppm/^{\circ}C$ Noise - 0.1Hz to 10Hz $50\mu Vp-p$ Noise - 10Hz to 10kHz $125\mu Vrms$ Voltage - Input $2.7 V \sim 12.6 V$ Current - Supply $35\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Current - Output	500μΑ
Noise - 0.1Hz to 10Hz $50\mu Vp-p$ Noise - 10Hz to 10kHz $125\mu Vrms$ $Voltage - Input$ $2.7 \ V \sim 12.6 \ V$ $Current - Supply$ $35\mu A$ $Current - Cathode$ $-$ $Operating Temperature$ $-40^{\circ}C \sim 85^{\circ}C \ (TA)$ $Mounting Type$ $Surface Mount$ $Package / Case$ $TO-236-3, SC-59, SOT-23-3$ $Supplier Device Package$ $SOT-23-3$	Tolerance	±0.2%
Noise - 10Hz to 10kHz	Temperature Coefficient	20ppm/°C
Voltage - Input $ 2.7 \text{ V} \sim 12.6 \text{ V} $ $ \text{Current - Supply } \qquad 35 \mu \text{A} $ $ \text{Current - Cathode } \qquad - $ $ \text{Operating Temperature } \qquad -40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)} $ $ \text{Mounting Type } \qquad \text{Surface Mount } $ $ \text{Package / Case } \qquad \text{TO-236-3, SC-59, SOT-23-3} $ $ \text{Supplier Device Package } \qquad \text{SOT-23-3} $	Noise - 0.1Hz to 10Hz	50μVp-p
Current - Supply35μACurrent - Cathode-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Noise - 10Hz to 10kHz	125μVrms
Current - Cathode Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Voltage - Input	2.7 V ~ 12.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Current - Supply	35μΑ
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Cathode	-
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package SOT-23-3	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23-3
		Report errors?

TSM6025AEUR+T 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.

TSM6025AEUR+T Payment Methods



















TSM6025AEUR+T Shipping Methods













If you have any question about TSM6025AEUR+T, please do not hesitate to contact us!

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