



### **REF3025TB-GT3 Information**



For Reference Only

Part Number REF3025TB-GT3

Manufacturer ON Semiconductor

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

us

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



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# **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.









## **REF3025TB-GT3 Specifications**

Manufacturer Part Number         REF3025TB-GT3           Manufacturer         ON Semiconductor           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         10mA           Tolerance         ±0.2%           Temperature Coefficient         50ppm/°C           Noise - 0.1Hz to 10Hz         50μVp-p           Noise - 10Hz to 10Htz         -           Voltage - Input         2.7 V ~ 5.5 V           Current - Supply         30μA           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         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.2%           Temperature Coefficient         50ppm/°C           Noise - 0.1Hz to 10Hz         50μVp-p           Noise - 10Hz to 10kHz         -           Voltage - Input         2.7 V ~ 5.5 V           Current - Supply         30μA           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	REF3025TB-GT3
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Output TypeFixedVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Current - Output10mATolerance±0.2%Temperature Coefficient50ppm/°CNoise - 0.1Hz to 10Hz50μVp-pNoise - 10Hz to 10kHz-Voltage - Input2.7 V ~ 5.5 VCurrent - Supply30μACurrent - Cathode-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Series	-
Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.2%           Temperature Coefficient         50ppm/°C           Noise - 0.1Hz to 10Hz         50μVp-p           Noise - 10Hz to 10kHz         -           Voltage - Input         2.7 V ~ 5.5 V           Current - Supply         30μA           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 - Output10mATolerance±0.2%Temperature Coefficient50ppm/°CNoise - 0.1Hz to 10Hz50μVp-pNoise - 10Hz to 10kHz-Voltage - Input2.7 V ~ 5.5 VCurrent - Supply30μACurrent - 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 $10mA$ Tolerance $\pm 0.2\%$ Temperature Coefficient $50ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $50\mu Vp-p$ Noise - $10Hz$ to $10kHz$ -Voltage - Input $2.7 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $30\mu A$ 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±0.2%Temperature Coefficient50ppm/°CNoise - 0.1Hz to 10Hz $50\mu Vp-p$ Noise - 10Hz to 10kHz-Voltage - Input $2.7 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $30\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage - Output (Max)	-
Temperature Coefficient $50ppm/^{\circ}C$ Noise - 0.1Hz to 10Hz $50\mu Vp-p$ Noise - 10Hz to 10kHz-Voltage - Input $2.7 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $30\mu A$ 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	10mA
Noise - 0.1Hz to 10Hz 50 $\mu$ Vp-p  Noise - 10Hz to 10kHz -   Voltage - Input 2.7 V ~ 5.5 V  Current - Supply 30 $\mu$ A  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	Tolerance	±0.2%
Noise - 10Hz to 10kHz  Voltage - Input  2.7 V ~ 5.5 V  Current - Supply  30µA  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	Temperature Coefficient	50ppm/°C
Voltage - Input $2.7 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $30\mu\text{A}$ Current - Cathode-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Noise - 0.1Hz to 10Hz	50μVp-p
Current - Supply30μACurrent - 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	-
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 ~ 5.5 V
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	Current - Supply	30μΑ
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?

#### **REF3025TB-GT3 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.

# **REF3025TB-GT3 Payment Methods**



















### **REF3025TB-GT3 Shipping Methods**













If you have any question about REF3025TB-GT3, please do not hesitate to contact us!

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