



### **KA431SMFTF Information**



For Reference Only

Part Number KA431SMFTF

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SHUNT ADJ SOT-23F

Package SOT-23-3 Flat Leads

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.









## **KA431SMFTF Specifications**

Manufacturer Part Number         KA431SMFTF           Manufacturer         Fairchild/ON Semiconductor           Category         Integrated Circuits (ICs)           PACKAGE         SOT-23-3 Flat Leads           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         2.5 V           Voltage - Output (Max)         36V           Current - Output         100mA           Tolerance         ±2%           Temperature Coefficient         50ppm/°C Typical           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Supply         -           Current - Teathode         ImA           Operating Temperature         -25°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-3 Flat Leads           Supplier Device Package         SOT-235-3		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         SOT-23-3 Flat Leads           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         2.5 V           Voltage - Output (Max)         36 V           Current - Output         100mA           Tolerance         ±2%           Temperature Coefficient         50ppm/°C Typical           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         ImA           Operating Temperature         -25°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-3 Flat Leads           Supplier Device Package         SOT-23F-3	Manufacturer Part Number	KA431SMFTF
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Voltage - Output (Max)  Current - Output  100mA  Tolerance  ±2%  Temperature Coefficient  50ppm/°C Typical  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  - Voltage - Input  - Current - Supply  - Current - Cathode  1mA  Operating Temperature  Operating Type  Surface Mount  Package / Case  Supplier Device Package  36V  100mA  100ma	Output Type	Adjustable
Current - Output  Tolerance  ±2%  Temperature Coefficient  Soppm/°C Typical  Noise - 0.1Hz to 10Hz  - Noise - 10Hz to 10kHz  - Voltage - Input  - Current - Supply  - Current - Cathode  ImA  Operating Temperature  Operating Type  Surface Mount  Package / Case  Sopplier Device Package  ±2%  50ppm/°C Typical  - Supplier Device Package	Voltage - Output (Min/Fixed)	2.5V
Tolerance ±2%  Temperature Coefficient 50ppm/°C Typical  Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz -  Voltage - Input -  Current - Supply -  Current - Cathode ImA  Operating Temperature -25°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case SOT-23-3 Flat Leads  Supplier Device Package	Voltage - Output (Max)	36V
Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  -  Voltage - Input  -  Current - Supply  -  Current - Cathode  Operating Temperature  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  50ppm/°C Typical  -  50ppm/°C Typ	Current - Output	100mA
Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  -  Voltage - Input  -  Current - Supply  -  Current - Cathode  ImA  Operating Temperature  -25°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23F-3	Tolerance	±2%
Noise - 10Hz to 10kHz -  Voltage - Input -  Current - Supply -  Current - Cathode 1mA  Operating Temperature -25°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case SOT-23-3 Flat Leads  Supplier Device Package SOT-23F-3	Temperature Coefficient	50ppm/°C Typical
Voltage - Input  Current - Supply  - Current - Cathode  ImA  Operating Temperature  -25°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-3 Flat Leads  Supplier Device Package	Noise - 0.1Hz to 10Hz	-
Current - Supply  Current - Cathode  1mA  Operating Temperature  -25°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-3 Flat Leads  Supplier Device Package	Noise - 10Hz to 10kHz	-
Current - Cathode 1mA  Operating Temperature -25°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case SOT-23-3 Flat Leads  Supplier Device Package SOT-23F-3	Voltage - Input	-
Operating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-3 Flat LeadsSupplier Device PackageSOT-23F-3	Current - Supply	-
Mounting Type Surface Mount Package / Case SOT-23-3 Flat Leads Supplier Device Package SOT-23F-3	Current - Cathode	1mA
Package / Case SOT-23-3 Flat Leads Supplier Device Package SOT-23F-3	Operating Temperature	-25°C ~ 85°C (TA)
Supplier Device Package SOT-23F-3	Mounting Type	Surface Mount
	Package / Case	SOT-23-3 Flat Leads
Report errors?	Supplier Device Package	SOT-23F-3
		Report errors?

#### **KA431SMFTF 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.

## **KA431SMFTF Payment Methods**



















### **KA431SMFTF Shipping Methods**













If you have any question about KA431SMFTF, please do not hesitate to contact us!

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