



## **ZHT431F01TA Information**



For Reference Only

Part Number ZHT431F01TA

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description**IC VREF SHUNT ADJ SOT23**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**

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# **ZHT431F01TA Specifications**

Manufacturer Part Number         ZHT431F01TA           Manufacturer         Diodes Incorporated           Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         TO-236-3, SC-59, SOT-23-3           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         2.5 V           Voltage - Output (Max)         20V           Current - Output         100mA           Tolerance         ±1%           Temperature Coefficient         67ppm/°C           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         50μA           Operating Temperature         -55°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         TO-236-3, SC-59, SOT-23-3           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         2.5 V           Voltage - Output (Max)         20 V           Current - Output         100mA           Tolerance         ±1%           Temperature Coefficient         67ppm/°C           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         50μA           Operating Temperature         -55°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23	Manufacturer Part Number	ZHT431F01TA
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Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         20V           Current - Output         100mA           Tolerance         ±1%           Temperature Coefficient         67ppm/°C           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         50μA           Operating Temperature         -55°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23		PMIC - Voltage Reference
Reference TypeShuntOutput TypeAdjustableVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)20VCurrent - Output100mATolerance±1%Temperature Coefficient67ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode50μAOperating Temperature-55°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Package	TO-236-3, SC-59, SOT-23-3
Output TypeAdjustableVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)20VCurrent - Output100mATolerance±1%Temperature Coefficient67ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode50μAOperating Temperature-55°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Series	-
Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)20VCurrent - Output100mATolerance±1%Temperature Coefficient67ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode50μAOperating Temperature-55°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Reference Type	Shunt
Voltage - Output (Max)20VCurrent - Output100mATolerance±1%Temperature Coefficient67ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode50μAOperating Temperature-55°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Output Type	Adjustable
Current - Output $100 mA$ Tolerance $\pm 1\%$ Temperature Coefficient $67ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ -Noise - $10Hz$ to $10kHz$ -Voltage - Input-Current - Supply-Current - Cathode $50\mu A$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Voltage - Output (Min/Fixed)	2.5V
Tolerance ±1% Temperature Coefficient 67ppm/°C  Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz -  Voltage - Input -  Current - Supply -  Current - Cathode 50μA  Operating Temperature -55°C ~ 125°C (TA)  Mounting Type Surface Mount  Package / Case TO-236-3, SC-59, SOT-23-3  Supplier Device Package	Voltage - Output (Max)	20V
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  TO-236-3, SC-59, SOT-23-3  Supplier Device Package	Current - Output	100mA
Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  - Voltage - Input  - Current - Supply  - Current - Cathode  Operating Temperature  -55°C ~ 125°C (ΤΑ)  Mounting Type  Surface Mount  Package / Case  TO-236-3, SC-59, SOT-23-3  Supplier Device Package	Tolerance	±1%
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode50μAOperating Temperature-55°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Temperature Coefficient	67ppm/°C
Voltage - Input-Current - Supply-Current - Cathode50μAOperating Temperature-55°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Noise - 0.1Hz to 10Hz	-
Current - Supply-Current - Cathode50μAOperating Temperature-55°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Noise - 10Hz to 10kHz	-
Current - Cathode $50\mu A$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ (TA)  Mounting Type Surface Mount  Package / Case TO-236-3, SC-59, SOT-23-3  Supplier Device Package SOT-23	Voltage - Input	-
Operating Temperature  -55°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  TO-236-3, SC-59, SOT-23-3  Supplier Device Package  SOT-23	Current - Supply	-
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Current - Cathode	50μΑ
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Operating Temperature	-55°C ~ 125°C (TA)
Supplier Device Package SOT-23	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23
		Report errors?

### **ZHT431F01TA 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.

## **ZHT431F01TA Payment Methods**





















## **ZHT431F01TA Shipping Methods**













If you have any question about ZHT431F01TA, please do not hesitate to contact us!

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