

# AD587KNZ

#### **AD587KNZ Information**



Part Number	AD587KNZ
Manufacturer	Analog Devices Inc.
Category	Integrated Circuits (ICs) PMIC - Voltage Reference
Description	IC VREF SERIES 10V 8DIP
Package	8-DIP (0.300", 7.62mm)
	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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### **AD587KNZ Specifications**

Manufacturer Part NumberAD587KNZManufacturerAnalog Devices Inc.CategoryIntegrated Circuits (ICs)PackagePMIC - Voltage ReferencePackage8-DIP (0.300", 7.62mm)Series-Reference TypeSeriesOutput TypeFixedVoltage - Output (Min/Fixed)10VVoltage - Output (Max)-Current - Output10mATolerance9.05%Noise - 0.1Hz to 10Hz10pm/°CNoise - 0.1Hz to 10Hz-Voltage - Input13.5 V ~ 36 VVoltage - Input3.5 V ~ 36 VCurrent - Supply4mACurrent - Cathode-Operating Temperature0°C ~ 70°C (TA)Mounting TypeThrough Hole	
CategoryIntegrated Circuits (ICs)PMIC - Voltage ReferencePackage8-DIP (0.300", 7.62mm)Series-Reference TypeSeriesOutput TypeSeriesVoltage - Output (Min/Fixed)10VVoltage - Output (Max)-Current - Output10mATolerance±0.05%Temperature Coefficient10ppm/°CNoise - 0.1Hz to 10Hz-Voltage - Input1.3.5 V ~ 36 VCurrent - Supply4mACurrent - Cathode-Operating Temperature0°C ~ 70°C (TA)	
PMIC - Voltage Reference     Package   8-DIP (0.300", 7.62mm)     Series   -     Reference Type   Series     Output Type   Series     Voltage - Output (Min/Fixed)   10V     Voltage - Output (Max)   -     Current - Output   10mA     Tolerance   ±0.05%     Noise - 0.1Hz to 10Hz   4μVp-p     Noise - 10Hz to 10kHz   -     Voltage - Input   13.5 V ~ 36 V     Current - Supply   4mA     Current - Cathode   -	
Package8-DIP (0.300", 7.62mm)Series-Reference TypeSeriesOutput TypeFixedVoltage - Output (Min/Fixed)10VVoltage - Output (Max)-Current - Output10mATolerance±0.05%Noise - 0.1Hz to 10Hz10ppm/°CNoise - 10Hz to 10kHz-Voltage - Input13.5 V ~ 36 VCurrent - Supply4mACurrent - Cathode-Operating Temperature0°C ~ 70°C (TA)	
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Output Type   Fixed     Voltage - Output (Min/Fixed)   10V     Voltage - Output (Max)   -     Current - Output   10mA     Tolerance   ±0.05%     Temperature Coefficient   10ppm/°C     Noise - 0.1Hz to 10Hz   4µVp-p     Noise - 10Hz to 10kHz   -     Voltage - Input   13.5 V ~ 36 V     Current - Supply   4mA     Current - Cathode   -     Operating Temperature   0°C ~ 70°C (TA)	
Voltage - Output (Min/Fixed)   10V     Voltage - Output (Max)   -     Current - Output   10mA     Tolerance   ±0.05%     Temperature Coefficient   10ppm/°C     Noise - 0.1Hz to 10Hz   4µVp-p     Noise - 10Hz to 10kHz   -     Voltage - Input   13.5 V ~ 36 V     Current - Supply   4mA     Current - Cathode   -     Operating Temperature   0°C ~ 70°C (TA)	
Voltage - Output (Max) -   Current - Output 10mA   Tolerance ±0.05%   Temperature Coefficient 10ppm/°C   Noise - 0.1Hz to 10Hz 4µVp-p   Noise - 10Hz to 10kHz -   Voltage - Input 13.5 V ~ 36 V   Current - Supply 4mA   Current - Cathode -   Operating Temperature 0°C ~ 70°C (TA)	
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Noise - 0.1Hz to 10Hz   4μVp-p     Noise - 10Hz to 10kHz   -     Voltage - Input   13.5 V ~ 36 V     Current - Supply   4mA     Current - Cathode   -     Operating Temperature   0°C ~ 70°C (TA)	
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Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ (TA)	
Mounting Type Through Hole	
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Package / Case 8-DIP (0.300", 7.62mm)	
Supplier Device Package 8-PDIP	
	Report errors?

#### **AD587KNZ 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.

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#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

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