

## **LM4132BMF-4.1/NOPB**

### LM4132BMF-4.1/NOPB Information



For Reference Only

Part Number LM4132BMF-4.1/NOPB

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Reference

**Description** IC VREF SERIES 4.096V SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

# **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.









## LM4132BMF-4.1/NOPB Specifications

Manufacturer Part Number         LM4132BMF-4.1/NOPB           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           PMIC - Voltage Reference         PMIC - Voltage Reference           Package         SC-74A, SOT-753           Series         -           Output Type         Series           Voltage - Output (Min/Fixed)         4.096V           Voltage - Output (Max)         -           Current - Output         20mA           Tolerance         ±0.1%           Temperature Coefficient         20ppm/°C           Noise - 0.1Hz to 10Hz         350μVp-p           Noise - 10Hz to 10kHz         -           Voltage - Input         4.496 V ~ 5.5 V           Current - Supply         100μA           Current - Cathode         -		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         SC-74A, SOT-753           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         4.096V           Voltage - Output (Max)         -           Current - Output         20mA           Tolerance         ±0.1%           Temperature Coefficient         20ppm/°C           Noise - 0.1Hz to 10Hz         350μVp-p           Noise - 10Hz to 10kHz         -           Voltage - Input         4.496 V ~ 5.5 V           Current - Supply         100μA           Current - Cathode         -	Manufacturer Part Number	LM4132BMF-4.1/NOPB
PMIC - Voltage ReferencePackageSC-74A, SOT-753Series-Reference TypeSeriesOutput TypeFixedVoltage - Output (Min/Fixed)4.096VVoltage - Output (Max)-Current - Output20mATolerance±0.1%Temperature Coefficient20ppm/°CNoise - 0.1Hz to 10Hz350μVp-pNoise - 10Hz to 10kHz-Voltage - Input4.496 V ~ 5.5 VCurrent - Supply100μACurrent - Cathode-	Manufacturer	Texas Instruments
Package         SC-74A, SOT-753           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         4.096V           Voltage - Output (Max)         -           Current - Output         20mA           Tolerance         ±0.1%           Temperature Coefficient         20ppm/°C           Noise - 0.1Hz to 10Hz         350µVp-p           Noise - 10Hz to 10kHz         -           Voltage - Input         4.496 V ~ 5.5 V           Current - Supply         100µA           Current - Cathode         -	Category	Integrated Circuits (ICs)
Series - Reference Type Series Series Output Type Fixed $4.096V$ Voltage - Output (Min/Fixed) $4.096V$ Voltage - Output (Max) - Current - Output $20mA$ Tolerance $\pm 0.1\%$ Temperature Coefficient $20pm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $350\mu Vp-p$ Noise - $10Hz$ to $10KHz$ - Voltage - Input $4.496 V \sim 5.5 V$ Current - Supply $100\mu A$ Current - Cathode $-$		PMIC - Voltage Reference
Reference TypeSeriesOutput TypeFixedVoltage - Output (Min/Fixed) $4.096V$ Voltage - Output (Max)-Current - Output $20mA$ Tolerance $\pm 0.1\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $350\mu Vp-p$ Noise - $10Hz$ to $10kHz$ -Voltage - Input $4.496 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $100\mu A$ Current - Cathode-	Package	SC-74A, SOT-753
Output Type Fixed $4.096V$ Voltage - Output (Min/Fixed) $4.096V$ Voltage - Output (Max) -  Current - Output $20mA$ Tolerance $\pm 0.1\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $350\mu Vp-p$ Noise - $10Hz$ to $10kHz$ -  Voltage - Input $4.496 V \sim 5.5 V$ Current - Supply $100\mu A$ Current - Cathode $-$	Series	-
Voltage - Output (Min/Fixed) $4.096$ VVoltage - Output (Max)-Current - Output $20mA$ Tolerance $\pm 0.1\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $350\mu Vp-p$ Noise - $10Hz$ to $10kHz$ -Voltage - Input $4.496$ V ~ $5.5$ VCurrent - Supply $100\mu A$ Current - Cathode-	Reference Type	Series
Voltage - Output (Max)-Current - Output $20mA$ Tolerance $\pm 0.1\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $350\mu Vp-p$ Noise - $10Hz$ to $10kHz$ -Voltage - Input $4.496 \ V \sim 5.5 \ V$ Current - Supply $100\mu A$ Current - Cathode-	Output Type	Fixed
Current - Output $20mA$ Tolerance $\pm 0.1\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $350\mu Vp-p$ Noise - $10Hz$ to $10kHz$ -Voltage - Input $4.496 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $100\mu A$ Current - Cathode-	Voltage - Output (Min/Fixed)	4.096V
Tolerance $\pm 0.1\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - 0.1Hz to 10Hz $350\mu Vp-p$ Noise - 10Hz to 10kHz-Voltage - Input $4.496 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $100\mu A$ Current - Cathode-	Voltage - Output (Max)	-
Temperature Coefficient 20ppm/ $^{\circ}$ C Noise - 0.1Hz to 10Hz 350 $\mu$ Vp-p Noise - 10Hz to 10kHz -  Voltage - Input 4.496 V $\sim$ 5.5 V Current - Supply 100 $\mu$ A Current - Cathode -	Current - Output	20mA
Noise - $0.1\text{Hz}$ to $10\text{Hz}$ 350 $\mu\text{Vp-p}$ Noise - $10\text{Hz}$ to $10\text{kHz}$ -  Voltage - Input 4.496 V ~ $5.5$ V  Current - Supply 100 $\mu\text{A}$ Current - Cathode -	Tolerance	±0.1%
Noise - $10$ Hz to $10$ kHz - Voltage - Input 4.496 V ~ $5.5$ V Current - Supply $100\mu$ A Current - Cathode -	Temperature Coefficient	20ppm/°C
Voltage - Input $4.496 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $100 \mu \text{A}$ Current - Cathode $-$	Noise - 0.1Hz to 10Hz	350μVp-p
Current - Supply 100μA Current - Cathode -	Noise - 10Hz to 10kHz	-
Current - Cathode -	Voltage - Input	4.496 V ~ 5.5 V
	Current - Supply	100μΑ
Operating Temperature	Current - Cathode	-
Operating reinperature $-40 \text{ C} \sim 125 \text{ C} (13)$	Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case SC-74A, SOT-753	Package / Case	SC-74A, SOT-753
Supplier Device Package SOT-23-5	Supplier Device Package	SOT-23-5
Report errors?		Report errors?

#### LM4132BMF-4.1/NOPB 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.

### LM4132BMF-4.1/NOPB Payment Methods





















## LM4132BMF-4.1/NOPB Shipping Methods













If you have any question about LM4132BMF-4.1/NOPB, please do not hesitate to contact us!

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