

# LT6654BHS6-2.5#TRMPBF

#### LT6654BHS6-2.5#TRMPBF Information



Part Number LT6654BHS6-2.5#TRMPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SERIES 2.5V TSOT23-6

Package SOT-23-6 Thin, TSOT-23-6

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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## LT6654BHS6-2.5#TRMPBF Specifications

Manufacturer Part Number         LT6654BHS6-2.5#TRMPBF           Manufacturer         Linear Technology           Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         SOT-23-6 Thin, TSOT-23-6           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.1%           Temperature Coefficient         20pm/°C           Noise - 0.1Hz to 10Hz         1.5ppmp-p           Noise - 10Hz to 10kHz         2ppmrms           Voltage - Input         3 V ~ 36 V           Current - Supply         600μA           Current - Cathode         -           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6 Thin, TSOT-23-6           Supplier Device Package         TSOT-23-6		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         SOT-23-6 Thin, TSOT-23-6           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.1%           Temperature Coefficient         20ppm/°C           Noise - 0.1Hz to 10Hz         1.5ppmp-p           Noise - 10Hz to 10kHz         2ppmrms           Voltage - Input         3 V ~ 36 V           Current - Supply         600µA           Current - Cathode         -           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6 Thin, TSOT-23-6           Supplier Device Package         TSOT-23-6	Manufacturer Part Number	LT6654BHS6-2.5#TRMPBF
Package         SOT-23-6 Thin, TSOT-23-6           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         2.5 V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.1%           Temperature Coefficient         20ppm/°C           Noise - 0.1Hz to 10Hz         1.5ppmp-p           Noise - 10Hz to 10kHz         2ppmrms           Voltage - Input         3 V ~ 36 V           Current - Supply         600μA           Current - Cathode         -           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6 Thin, TSOT-23-6           Supplier Device Package         TSOT-23-6	Manufacturer	Linear Technology
Package         SOT-23-6 Thin, TSOT-23-6           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.1%           Temperature Coefficient         20ppm/°C           Noise - 0.1Hz to 10Hz         1.5ppmp-p           Noise - 10Hz to 10kHz         2ppmrms           Voltage - Input         3 V ~ 36 V           Current - Supply         600μA           Current - Cathode         -           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6 Thin, TSOT-23-6           Supplier Device Package         TSOT-23-6	Category	Integrated Circuits (ICs)
Series-Reference TypeSeriesOutput TypeFixedVoltage - Output (Min/Fixed)2.5 VVoltage - Output (Max)-Current - Output10mATolerance±0.1%Temperature Coefficient20ppm/°CNoise - 0.1Hz to 10Hz1.5ppmp-pNoise - 10Hz to 10kHz2ppmrmsVoltage - Input3 V ~ 36 VCurrent - Supply600μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6		PMIC - Voltage Reference
Reference Type  Output Type  Fixed  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Current - Output  10mA  Tolerance  ±0.1%  Temperature Coefficient  20ppm/°C  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  2ppmrms  Voltage - Input  3 V ~ 36 V  Current - Supply  600µA  Current - Cathode  Operating Temperature  40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6  Supplier Device Package	Package	SOT-23-6 Thin, TSOT-23-6
Output TypeFixedVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Current - Output10mATolerance±0.1%Temperature Coefficient20ppm/°CNoise - 0.1Hz to 10Hz1.5ppmp-pNoise - 10Hz to 10kHz2ppmrmsVoltage - Input3 V ~ 36 VCurrent - Supply600μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Series	-
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Current - Output  10mA  Tolerance  ±0.1%  Temperature Coefficient  20ppm/°C  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  2ppmrms  Voltage - Input  3 V ~ 36 V  Current - Supply  600µA  Current - Cathode  Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  TSOT-23-6	Reference Type	Series
Voltage - Output (Max)  Current - Output  10mA  Tolerance  ±0.1%  Temperature Coefficient  20ppm/°C  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  2ppmrms  Voltage - Input  3 V ~ 36 V  Current - Supply  600µA  Current - Cathode  - Operating Temperature  40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  TSOT-23-6	Output Type	Fixed
Current - Output  Tolerance  ±0.1%  Temperature Coefficient  20ppm/°C  Noise - 0.1Hz to 10Hz  1.5ppmp-p  Noise - 10Hz to 10kHz  2ppmrms  Voltage - Input  3 V ~ 36 V  Current - Supply  600µA  Current - Cathode  Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  TSOT-23-6	Voltage - Output (Min/Fixed)	2.5V
Tolerance ±0.1%  Temperature Coefficient 20ppm/°C  Noise - 0.1Hz to 10Hz 1.5ppmp-p  Noise - 10Hz to 10kHz 2ppmrms  Voltage - Input 3 V ~ 36 V  Current - Supply 600µA  Current - Cathode - 40°C ~ 125°C (TA)  Mounting Type Surface Mount  Package / Case SOT-23-6 Thin, TSOT-23-6  Supplier Device Package TSOT-23-6	Voltage - Output (Max)	-
Temperature Coefficient  20ppm/°C  Noise - 0.1Hz to 10Hz  1.5ppmp-p  Noise - 10Hz to 10kHz  2ppmrms  Voltage - Input  3 V ~ 36 V  Current - Supply  600μA  Current - Cathode  Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6 Thin, TSOT-23-6  Supplier Device Package	Current - Output	10mA
Noise - 0.1Hz to 10Hz1.5ppmp-pNoise - 10Hz to 10kHz2ppmrmsVoltage - Input3 V ~ 36 VCurrent - Supply600μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Tolerance	±0.1%
Noise - 10Hz to 10kHz  2ppmrms  Voltage - Input  3 V ~ 36 V  Current - Supply  600μA  Current - Cathode  -40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  SUT-23-6  Supplier Device Package	Temperature Coefficient	20ppm/°C
Voltage - Input $3 \text{ V} \sim 36 \text{ V}$ Current - Supply $600\mu\text{A}$ Current - Cathode - Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA) Mounting Type Surface Mount Package / Case SOT-23-6 Thin, TSOT-23-6 Supplier Device Package	Noise - 0.1Hz to 10Hz	1.5ppmp-p
Current - Supply600μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Noise - 10Hz to 10kHz	2ppmrms
Current - Cathode  Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6 Thin, TSOT-23-6  Supplier Device Package  TSOT-23-6	Voltage - Input	3 V ~ 36 V
Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6 Thin, TSOT-23-6  Supplier Device Package  TSOT-23-6	Current - Supply	600μΑ
Mounting Type Surface Mount Package / Case SOT-23-6 Thin, TSOT-23-6 Supplier Device Package TSOT-23-6	Current - Cathode	-
Package / Case SOT-23-6 Thin, TSOT-23-6 Supplier Device Package TSOT-23-6	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package TSOT-23-6	Mounting Type	Surface Mount
	Package / Case	SOT-23-6 Thin, TSOT-23-6
Report errors?	Supplier Device Package	TSOT-23-6
		Report errors?

### LT6654BHS6-2.5#TRMPBF Guarantees



#### **Ouality 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.

## LT6654BHS6-2.5#TRMPBF Payment Methods





















## LT6654BHS6-2.5#TRMPBF Shipping Methods













If you have any question about LT6654BHS6-2.5#TRMPBF, please do not hesitate to contact us!

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