



#### **LMH6503MTX Information**



For Reference Only

Part Number LMH6503MTX

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP VGA 135MHZ 14TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

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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## **LMH6503MTX Specifications**

Manufacturer Part Number         LMH6503MTX           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-TSSOP (0.173", 4.40mm Width)           Series         LMH?           Amplifier Type         Variable Gain           Number of Circuits         1           Output Type         -           Slew Rate         1800 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         135MHz           Current - Input Bias         11μA           Voltage - Input Offset         -           Current - Supply         37mA           Current - Output / Channel         90mA           Voltage - Supply, Single/Dual (±)         5 V ~ 12 V, ±2.5 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         14-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         14-TSSOP		
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Number of Circuits       1         Output Type       -         Slew Rate       1800 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       135MHz         Current - Input Bias       11μA         Voltage - Input Offset       -         Current - Supply       37mA         Current - Output / Channel       90mA         Voltage - Supply, Single/Dual (±)       5 V ~ 12 V, ±2.5 V ~ 6 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Package / Case       14-TSSOP (0.173", 4.40mm Width)         Supplier Device Package       14-TSSOP	Series	LMH?
Output Type  Slew Rate  1800 V/μs  Gain Bandwidth Product  -3db Bandwidth  135MHz  Current - Input Bias  11μA  Voltage - Input Offset  - Current - Supply  37mA  Current - Output / Channel  90mA  Voltage - Supply, Single/Dual (±)  5 V ~ 12 V, ±2.5 V ~ 6 V  Operating Temperature  40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package	Amplifier Type	Variable Gain
Slew Rate  Gain Bandwidth Product -3db Bandwidth  135MHz  Current - Input Bias  11μA  Voltage - Input Offset  - Current - Supply  37mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  5 V ~ 12 V, ±2.5 V ~ 6 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  14-TSSOP  14-TSSOP	Number of Circuits	1
Gain Bandwidth Product  -3db Bandwidth  135MHz  Current - Input Bias  11μA  Voltage - Input Offset  - Current - Supply  37mA  Current - Output / Channel  90mA  Voltage - Supply, Single/Dual (±)  5 V ~ 12 V, ±2.5 V ~ 6 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package	Output Type	-
$-3 db \ Bandwidth                                    $	Slew Rate	1800 V/μs
Current - Input Bias $11\mu A$ Voltage - Input Offset $-$ Current - Supply $37mA$ Current - Output / Channel $90mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $5 \text{ V} \sim 12 \text{ V}, \pm 2.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type $Surface \text{ Mount}$ Package / Case $14\text{-TSSOP} (0.173'', 4.40mm \text{ Width})$ Supplier Device Package $14\text{-TSSOP}$	Gain Bandwidth Product	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	135MHz
Current - Supply $37mA$ Current - Output / Channel $90mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $5 \text{ V} \sim 12 \text{ V}, \pm 2.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $14\text{-TSSOP}$ ( $0.173^{\circ}$ , $4.40\text{mm}$ Width)Supplier Device Package $14\text{-TSSOP}$	Current - Input Bias	11μΑ
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Voltage - Supply, Single/Dual ( $\pm$ ) 5 V ~ 12 V, $\pm$ 2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Current - Supply	37mA
Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 14-TSSOP	Current - Output / Channel	90mA
Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Voltage - Supply, Single/Dual (±)	5 V ~ 12 V, ±2.5 V ~ 6 V
Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-TSSOP	Mounting Type	Surface Mount
	Package / Case	14-TSSOP (0.173", 4.40mm Width)
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Report cirois		Report errors?

#### **LMH6503MTX 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.

## **LMH6503MTX Payment Methods**



















### **LMH6503MTX Shipping Methods**













If you have any question about LMH6503MTX, please do not hesitate to contact us!

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