



#### **LMV344MTX Information**



For Reference Only

Part Number LMV344MTX
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 1MHZ RRO 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



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.









# **LMV344MTX Specifications**

Manufacturer Part Number         LMV344MTX           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-TSSOP (0.173", 4.40mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         1 V/μs           Gain Bandwidth Product         1MHz           -3db Bandwidth         -           Current - Input Bias         0.02pA           Voltage - Input Offset         700μV           Current - Supply         107μA           Current - Output / Channel         113mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 5.5 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         14-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         14-TSSOP		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-TSSOP (0.173", 4.40mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         1 V/μs           Gain Bandwidth Product         1MHz           -3db Bandwidth         -           Current - Input Bias         0.02pA           Voltage - Input Offset         700μV           Current - Supply         107μA           Current - Output / Channel         113mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 5.5 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         14-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         14-TSSOP	Manufacturer Part Number	LMV344MTX
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       14-TSSOP (0.173", 4.40mm Width)         Series       -         Amplifier Type       General Purpose         Number of Circuits       4         Output Type       Rail-to-Rail         Slew Rate       1 V/μs         Gain Bandwidth Product       1MHz         -3db Bandwidth       -         Current - Input Bias       0.02pA         Voltage - Input Offset       700μV         Current - Supply       107μA         Current - Output / Channel       113mA         Voltage - Supply, Single/Dual (±)       2.7 V ~ 5.5 V         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         Package / Case       14-TSSOP (0.173", 4.40mm Width)         Supplier Device Package       14-TSSOP	Manufacturer	Texas Instruments
Package 14-TSSOP (0.173", 4.40mm Width)  Series -  Amplifier Type General Purpose  Number of Circuits 4  Output Type Rail-to-Rail  Slew Rate 1 $V/\mu$ s  Gain Bandwidth Product 1MHz  -3db Bandwidth -  Current - Input Bias 0.02pA  Voltage - Input Offset 700 $\mu$ V  Current - Supply 107 $\mu$ A  Current - Output / Channel 113mA  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 $V \sim 5.5$ $V$ Operating Temperature 40°C $\sim 125$ °C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 14-TSSOP	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 1 V/μs Gain Bandwidth Product 1MHz -3db Bandwidth - Current - Input Bias 0.02pA Voltage - Input Offset 700μV Current - Supply 107μA Current - Output / Channel 113mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate1 V/μsGain Bandwidth Product1MHz-3db Bandwidth-Current - Input Bias0.02pAVoltage - Input Offset700μVCurrent - Supply107μACurrent - Output / Channel113mAVoltage - Supply, Single/Dual (±)2.7 V ~ 5.5 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 1 $V/\mu s$ Gain Bandwidth Product 1MHz -3db Bandwidth - Current - Input Bias 0.02pA Voltage - Input Offset 700 $\mu V$ Current - Supply 107 $\mu A$ Current - Output / Channel 113mA Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 $V \sim 5.5$ $V$ Operating Temperature -40°C $\sim 125$ °C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Series	-
Output Type Rail-to-Rail  Slew Rate 1 $V/\mu s$ Gain Bandwidth Product 1MHz  -3db Bandwidth -  Current - Input Bias 0.02pA  Voltage - Input Offset 700 $\mu V$ Current - Supply 107 $\mu A$ Current - Output / Channel 113mA  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 $V \sim 5.5 V$ Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 14-TSSOP	Amplifier Type	General Purpose
Slew Rate $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	Number of Circuits	4
Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  0.02pA  Voltage - Input Offset  700μV  Current - Supply  107μA  Current - Output / Channel  113mA  Voltage - Supply, Single/Dual (±)  2.7 V ~ 5.5 V  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ Voltage - Input \ Offset \\ Current - Supply \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.7 \ V \sim 5.5 \ V \\ Operating \ Temperature \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 14-TSSOP (0.173", 4.40mm \ Width) \\ Supplier \ Device \ Package \\ 14-TSSOP \\$	Slew Rate	1 V/μs
Current - Input Bias $0.02pA$ Voltage - Input Offset $700\mu V$ Current - Supply $107\mu A$ Current - Output / Channel $113mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.7 \ V \sim 5.5 \ V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount  Package / Case $14\text{-TSSOP}$ $(0.173^{\circ}, 4.40mm \ Width)$ Supplier Device Package $14\text{-TSSOP}$	Gain Bandwidth Product	1MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $107\mu A$ Current - Output / Channel $113mA$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $14\text{-TSSOP}$ $(0.173'', 4.40mm \text{ Width})$ Supplier Device Package $14\text{-TSSOP}$	Current - Input Bias	0.02pA
Current - Output / Channel 113mA  Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 14-TSSOP	Voltage - Input Offset	$700\mu V$
Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Current - Supply	107μΑ
$ \begin{array}{lll} \mbox{Operating Temperature} & -40^{\circ}\mbox{C} \sim 125^{\circ}\mbox{C} \\ \mbox{Mounting Type} & \mbox{Surface Mount} \\ \mbox{Package / Case} & 14-TSSOP \ (0.173", 4.40mm \ Width) \\ \mbox{Supplier Device Package} & 14-TSSOP \\  \end{array} $	Current - Output / Channel	113mA
Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Voltage - Supply, Single/Dual (±)	2.7 V ~ 5.5 V
Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 14-TSSOP	Mounting Type	Surface Mount
	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	14-TSSOP
<b>r</b>		Report errors?

#### **LMV344MTX 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.

# **LMV344MTX Payment Methods**



















### **LMV344MTX Shipping Methods**













If you have any question about LMV344MTX, please do not hesitate to contact us!

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