



LMH6505MMX Information



For Reference Only

Part Number LMH6505MMX
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VGA 150MHZ 8VSSOP

Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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



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LMH6505MMX Specifications

Manufacturer Part Number Manufacturer Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series - Amplifier Type Variable Gain Number of Circuits Output Type Slew Rate Gain Bandwidth Product -3db Bandwidth 150MHz Current - Input Bias Output - Supply Current - Supply 11mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Supplier Device Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-VSSOP		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series - Amplifier Type Variable Gain Number of Circuits 1 Output Type - Slew Rate 1500 V/μs Gain Bandwidth Product - -3db Bandwidth 150MHz Current - Input Bias 600nA Voltage - Input Offset - Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) 7 V ~ 12 V, ±3.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Manufacturer Part Number	LMH6505MMX
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Output Type - Slew Rate 1500 V/μs Gain Bandwidth Product - -3db Bandwidth 150MHz Current - Input Bias 600nA Voltage - Input Offset - Current - Supply 11mA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) 7 V ~ 12 V, ±3.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Amplifier Type	Variable Gain
Slew Rate $1500 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth 150MHz Current - Input Bias 600nA Voltage - Input Offset Current - Supply 11mA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (\pm) $7 \text{ V} \sim 12 \text{ V}, \pm 3.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8\text{-TSSOP, 8-MSOP (0.118", 3.00 \text{mm Width)}}$	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 150MHz Current - Input Bias 600nA Voltage - Input Offset - Current - Supply 11mA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) 7 V ~ 12 V, ±3.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Output Type	-
-3db Bandwidth 150MHz Current - Input Bias 600nA Voltage - Input Offset - Current - Supply 11mA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) 7 V ~ 12 V, ±3.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Slew Rate	1500 V/μs
Current - Input Bias 600nA Voltage - Input Offset - Current - Supply 11mA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) 7 V ~ 12 V, ±3.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Gain Bandwidth Product	-
Voltage - Input Offset Current - Supply 11mA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) 7 V ~ 12 V, ±3.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	-3db Bandwidth	150MHz
Current - Supply $11mA$ Current - Output / Channel $80mA$ Voltage - Supply, Single/Dual (\pm) $7 \text{ V} \sim 12 \text{ V}, \pm 3.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-TSSOP}, 8\text{-MSOP}$ ($0.118\text{"}, 3.00\text{mm}$ Width)	Current - Input Bias	600nA
$\begin{tabular}{lll} Current - Output / Channel & 80mA & \\ Voltage - Supply, Single/Dual (\pm) & 7 \ V \sim 12 \ V, \pm 3.5 \ V \sim 6 \ V & \\ Operating Temperature & -40^{\circ}C \sim 85^{\circ}C & \\ Mounting Type & Surface Mount & \\ Package / Case & 8-TSSOP, 8-MSOP (0.118'', 3.00mm Width) & \\ \end{tabular}$	Voltage - Input Offset	-
Voltage - Supply, Single/Dual (\pm) 7 V ~ 12 V, \pm 3.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Supply	11mA
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Output / Channel	80mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Voltage - Supply, Single/Dual (±)	7 V ~ 12 V, ±3.5 V ~ 6 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Supplier Device Package 8-VSSOP	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
	Supplier Device Package	8-VSSOP
Report errors		Report errors?

LMH6505MMX 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.

LMH6505MMX Payment Methods



















LMH6505MMX Shipping Methods













If you have any question about LMH6505MMX, please do not hesitate to contact us!

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