



LMV712BL Information

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For Reference Only

Part Number LMV712BL

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 5MHZ RRO 10MICROSMD

Package 10-VFBGA

For the pricing/inventory/lead time, please contact

us

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



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LMV712BL Specifications

Manufacturer Part Number LMV712BL Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 10-VFBGA Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 5 V/µs Gain Bandwidth Product 5MHz -3db Bandwidth - Current - Input Bias 5.5pA Voltage - Input Offset 400µV Current - Supply 1.17mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-VFBGA Supplier Device Package 10-MicroSMD (1.51x2.0)		
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Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage10-VFBGASeries-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate5 V/μsGain Bandwidth Product5MHz-3db Bandwidth-Current - Input Bias5.5pAVoltage - Input Offset400μVCurrent - Supply1.17mACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)2.7 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFBGASupplier Device Package10-MicroSMD (1.51x2.0)	Manufacturer	Texas Instruments
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Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 5 V/μs Gain Bandwidth Product 5MHz -3db Bandwidth - Current - Input Bias 5.5pA Voltage - Input Offset 400μV Current - Supply 1.17mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-VFBGA Supplier Device Package 10-MicroSMD (1.51x2.0)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate $5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 5MHz -3db Bandwidth-Current - Input Bias 5.5pA Voltage - Input Offset $400\mu\text{V}$ Current - Supply 1.17mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 10-VFBGA Supplier Device Package $10\text{-MicroSMD} (1.51x2.0)$	Package	10-VFBGA
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Slew Rate $5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 5MHz -3db Bandwidth - Current - Input Bias 5.5pA Voltage - Input Offset $400\mu\text{V}$ Current - Supply 1.17mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 10-VFBGA Supplier Device Package $10\text{-MicroSMD} (1.51\text{x}2.0)$	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 5.5pA Voltage - Input Offset 400μV Current - Supply 1.17mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-VFBGA Supplier Device Package	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 5.5 pA \\ Voltage - Input \ Offset \\ 400 \mu V \\ Current - Supply \\ 1.17 mA \\ Current - Output / Channel \\ 50 mA \\ Voltage - Supply, Single/Dual (\pm) 2.7 \ V \sim 5.5 \ V Operating \ Temperature \\ -40^{\circ}C \sim 85^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ Supplier \ Device \ Package \\ 10-MicroSMD (1.51x2.0)$	Slew Rate	5 V/μs
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	5MHz
Voltage - Input Offset $400\mu V$ Current - Supply $1.17mA$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual (±) $2.7 \ V \sim 5.5 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case 10-VFBGA Supplier Device Package $10\text{-MicroSMD} (1.51x2.0)$	-3db Bandwidth	-
Current - Supply Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-VFBGA Supplier Device Package 10-MicroSMD (1.51x2.0)	Current - Input Bias	5.5pA
Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-VFBGA Supplier Device Package 10-MicroSMD (1.51x2.0)	Voltage - Input Offset	$400\mu V$
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Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-VFBGA Supplier Device Package 10-MicroSMD (1.51x2.0)	Current - Output / Channel	50mA
Mounting Type Surface Mount Package / Case 10-VFBGA Supplier Device Package 10-MicroSMD (1.51x2.0)	Voltage - Supply, Single/Dual (±)	2.7 V ~ 5.5 V
Package / Case 10-VFBGA Supplier Device Package 10-MicroSMD (1.51x2.0)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 10-MicroSMD (1.51x2.0)	Mounting Type	Surface Mount
	Package / Case	10-VFBGA
Report errors?	Supplier Device Package	10-MicroSMD (1.51x2.0)
		Report errors?

LMV712BL 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.

LMV712BL Payment Methods



















LMV712BL Shipping Methods













If you have any question about LMV712BL, please do not hesitate to contact us!

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