

EL5224IRE Information



For Reference Only

Part Number EL5224IRE Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP BUFFER 8MHZ 24HTSSOP

Package 24-TSSOP (0.173", 4.40mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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EL5224IRE Specifications

Manufacturer Part NumberEL5224IREManufacturerIntersilCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage24-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Amplifier TypeBufferNumber of Circuits8Output TypeRail-to-RailSlew Rate15 V/µsGain Bandwidth Product8MHz-3db Bandwidth12MHzCurrent - Input Bias2nAVoltage - Input Offset2mVCurrent - Supply6.8mACurrent - Output / Channel140mAVoltage - Supply, Single/Dual (±)4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-HTSSOP		
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Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Amplifier Type Buffer Number of Circuits 8 Output Type Rail-to-Rail Slew Rate 15 V/µs Gain Bandwidth Product 8MHz -3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 2mV Current - Supply 6.8mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Manufacturer	Intersil
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Series - Amplifier Type Buffer Number of Circuits 8 Output Type Rail-to-Rail Slew Rate 15 V/μs Gain Bandwidth Product 8MHz -3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 2mV Current - Supply 6.8mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-HTSSOP		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeBufferNumber of Circuits8Output TypeRail-to-RailSlew Rate15 V/μsGain Bandwidth Product8MHz-3db Bandwidth12MHzCurrent - Input Bias2nAVoltage - Input Offset2mVCurrent - Supply6.8mACurrent - Output / Channel140mAVoltage - Supply, Single/Dual (±)4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-HTSSOP	Package	24-TSSOP (0.173", 4.40mm Width) Exposed Pad
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Output Type Rail-to-Rail Slew Rate 15 V/ μ s Gain Bandwidth Product 8MHz -3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 2mV Current - Supply 6.8mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 16.5 V, \pm 2.25 V ~ 8.25 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-HTSSOP	Amplifier Type	Buffer
Slew Rate Gain Bandwidth Product 8MHz -3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 2mV Current - Supply 6.8mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 V Operating Temperature 4-0°C ~ 85°C Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Number of Circuits	8
Gain Bandwidth Product -3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 2mV Current - Supply 6.8mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Output Type	Rail-to-Rail
-3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 2mV Current - Supply 6.8mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-HTSSOP	Slew Rate	15 V/μs
Current - Input Bias 2nA Voltage - Input Offset 2mV Current - Supply 6.8mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Gain Bandwidth Product	8MHz
Voltage - Input Offset Current - Supply 6.8mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	-3db Bandwidth	12MHz
Current - Supply 6.8mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-HTSSOP	Current - Input Bias	2nA
Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) $4.5 \text{ V} \sim 16.5 \text{ V}, \pm 2.25 \text{ V} \sim 8.25 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package 24-HTSSOP	Voltage - Input Offset	2mV
Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 16.5 V, \pm 2.25 V ~ 8.25 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-HTSSOP	Current - Supply	6.8mA
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-HTSSOP	Current - Output / Channel	140mA
Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-HTSSOP	Voltage - Supply, Single/Dual (±)	4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 V
Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-HTSSOP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 24-HTSSOP	Mounting Type	Surface Mount
	Package / Case	24-TSSOP (0.173", 4.40mm Width) Exposed Pad
Report errors?	Supplier Device Package	24-HTSSOP
		Report errors?

EL5224IRE 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.

EL5224IRE Payment Methods



















EL5224IRE Shipping Methods













If you have any question about EL5224IRE, please do not hesitate to contact us!

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