



EL5412IRE Information

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For Reference Only

Part Number EL5412IRE
Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

DescriptionIC OPAMP VFB 22MHZ RRO 14HTSSOP**Package**14-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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EL5412IRE Specifications

Manufacturer Part Number EL5412IRE Manufacturer Intersil Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Amplifier Type Voltage Feedback Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 55 V/µs Gain Bandwidth Product 22MHz -3db Bandwidth 40MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 65mA 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 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 14-HTSSOP		
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Package14-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Amplifier TypeVoltage FeedbackNumber of Circuits4Output TypeRail-to-RailSlew Rate55 V/μsGain Bandwidth Product22MHz-3db Bandwidth40MHzCurrent - Input Bias2nAVoltage - Input Offset3mVCurrent - Supply2.5mACurrent - Output / Channel65mAVoltage - Supply, Single/Dual (±)4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case14-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package14-HTSSOP	Category	Integrated Circuits (ICs)
Series - Voltage Feedback Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 55 V/µs Gain Bandwidth Product 22MHz -3db Bandwidth 40MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 65mA 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 14-TSSOP (0.173", 4.40mm Width) Exposed Pad		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Voltage Feedback Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 55 V/ μ s Gain Bandwidth Product 22MHz -3db Bandwidth Product 40MHz Current - Input Bias 2nA 2nA 2nA 2nA 2nHz Current - Supply 2.5mA 2nA 2nA 2nA 2nHz Current - Output / Channel 65mA 2nA 2nA 2nA 2nA 2nA 2nA 2nA 2nA 2nA 2n	Package	14-TSSOP (0.173", 4.40mm Width) Exposed Pad
Number of Circuits4Output TypeRail-to-RailSlew Rate $55 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 22MHz -3db Bandwidth 40MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 65mA Voltage - Supply, Single/Dual (\pm) $4.5 \text{ V} \sim 16.5 \text{ V}, \pm 2.25 \text{ V} \sim 8.25 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 14-TSSOP (0.173° , 4.40mm Width) Exposed PadSupplier Device Package 14-HTSSOP	Series	-
Output Type Rail-to-Rail Slew Rate 55 V/µs Gain Bandwidth Product 22MHz -3db Bandwidth 40MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 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 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Amplifier Type	Voltage Feedback
Slew Rate 55 V/µs Gain Bandwidth Product 22MHz -3db Bandwidth 40MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 65mA 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 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 14-HTSSOP	Number of Circuits	4
Gain Bandwidth Product -3db Bandwidth 40MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 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 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Output Type	Rail-to-Rail
-3db Bandwidth 40MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 65mA 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 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 14-HTSSOP	Slew Rate	55 V/μs
Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 65mA 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 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Gain Bandwidth Product	22MHz
Voltage - Input Offset Current - Supply 2.5mA Current - Output / Channel 65mA 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 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	-3db Bandwidth	40MHz
Current - Supply 2.5mA Current - Output / Channel 65mA 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 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 14-HTSSOP	Current - Input Bias	2nA
Current - Output / Channel $65mA$ Voltage - Supply, Single/Dual (\pm) $4.5 \text{ V} \sim 16.5 \text{ V}, \pm 2.25 \text{ V} \sim 8.25 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 14-TSSOP (0.173° , 4.40mm Width) Exposed PadSupplier Device Package 14-HTSSOP	Voltage - Input Offset	3mV
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 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 14-HTSSOP	Current - Supply	2.5mA
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 14-HTSSOP	Current - Output / Channel	65mA
Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 14-HTSSOP	Voltage - Supply, Single/Dual (±)	4.5 V ~ 16.5 V, ±2.25 V ~ 8.25 V
Package / Case 14-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 14-HTSSOP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-HTSSOP	Mounting Type	Surface Mount
	Package / Case	14-TSSOP (0.173", 4.40mm Width) Exposed Pad
Report errors?	Supplier Device Package	14-HTSSOP
*		Report errors?

EL5412IRE 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.

EL5412IRE Payment Methods





















EL5412IRE Shipping Methods













If you have any question about EL5412IRE, please do not hesitate to contact us!

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