



EL5410CR Information

wyw Addressom

For Reference Only

Part Number EL5410CR

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VFB 20MHZ 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.









EL5410CR Specifications

Manufacturer Part NumberEL5410CRManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage14-TSSOP (0.173", 4.40mm Width)Series-Amplifier TypeVoltage FeedbackNumber of Circuits4Output TypeRail-to-RailSlew Rate33 V/µsGain Bandwidth Product20MHz-3db Bandwidth30MHzCurrent - Input Bias2nAVoltage - Input Offset3mVCurrent - Supply2.5mACurrent - Output / Channel30mAVoltage - 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)		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 14-TSSOP (0.173", 4.40mm Width) Series - Amplifier Type Voltage Feedback Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 33 V/µs Gain Bandwidth Product -3db Bandwidth 30MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case I4-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	EL5410CR
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 14-TSSOP (0.173", 4.40mm Width) Series - Amplifier Type Voltage Feedback Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 33 V/µs Gain Bandwidth Product -3db Bandwidth 30MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)	Manufacturer	Renesas Electronics America
Package 14-TSSOP (0.173", 4.40mm Width) Series - Amplifier Type Voltage Feedback Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 33 V/µs Gain Bandwidth Product 20MHz -3db Bandwidth Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 30mA 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)	Category	Integrated Circuits (ICs)
Series - Amplifier Type Voltage Feedback Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 33 V/μs Gain Bandwidth Product 20MHz -3db Bandwidth 30MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 30mA 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)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeVoltage FeedbackNumber of Circuits4Output TypeRail-to-RailSlew Rate33 V/μsGain Bandwidth Product20MHz-3db Bandwidth30MHzCurrent - Input Bias2nAVoltage - Input Offset3mVCurrent - Supply2.5mACurrent - Output / Channel30mAVoltage - 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)	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 33 V/µs Gain Bandwidth Product 20MHz -3db Bandwidth 30MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 30mA 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)	Series	-
Output Type Rail-to-Rail Slew Rate 33 V/µs Gain Bandwidth Product 20MHz -3db Bandwidth 30MHz 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)	Amplifier Type	Voltage Feedback
Slew Rate Gain Bandwidth Product -3db Bandwidth Current - Input Bias Voltage - Input Offset Current - Supply Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Package / Case 33 V/µs 20MHz 30MHz 21A 21A 21A 22A 32B 32B 32B 32B 32B 32B 32	Number of Circuits	4
Gain Bandwidth Product -3db Bandwidth 30MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 30mA 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)	Output Type	Rail-to-Rail
-3db Bandwidth 30MHz Current - Input Bias 2nA Voltage - Input Offset 3mV Current - Supply 2.5mA Current - Output / Channel 30mA 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)	Slew Rate	33 V/μs
Current - Input Bias 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)	Gain Bandwidth Product	20MHz
Voltage - Input Offset $3mV$ Current - Supply $2.5mA$ Current - Output / Channel $30mA$ 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 Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)	-3db Bandwidth	30MHz
Current - Supply 2.5mA Current - Output / Channel 30mA 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)	Current - Input Bias	2nA
Current - Output / Channel $30mA$ 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 14-TSSOP (0.173", 4.40mm Width)	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)	Current - Supply	2.5mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)	Current - Output / Channel	30mA
Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)	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)	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Supplier Device Package 14-TSSOP	Supplier Device Package	14-TSSOP
Report error		Report errors?

EL5410CR 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.

EL5410CR Payment Methods



















EL5410CR Shipping Methods













If you have any question about EL5410CR, please do not hesitate to contact us!

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