

### **EL2276CS-T7 Information**

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For Reference Only

Part Number EL2276CS-T7

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP CFA 70MHZ 14SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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# **Certified Quality**

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# **EL2276CS-T7 Specifications**

Manufacturer Part NumberEL2276CS-T7ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage14-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeCurrent FeedbackNumber of Circuits2Output Type-Slew Rate800 V/μsGain Bandwidth Product3db Bandwidth70MHzCurrent - Input Bias4μAVoltage - Input Offset2.5mVCurrent - Supply1mACurrent - Output / Channel55mAVoltage - Supply, Single/Dual (±)3 V ~ 12 V, ±1.5 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case14-SOIC (0.154", 3.90mm Width)		
Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       14-SOIC (0.154", 3.90mm Width)         Series       -         Amplifier Type       Current Feedback         Number of Circuits       2         Output Type       -         Slew Rate       800 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       70MHz         Current - Input Bias       4μA         Voltage - Input Offset       2.5mV         Current - Supply       1mA         Current - Output / Channel       55mA         Voltage - Supply, Single/Dual (±)       3 V ~ 12 V, ±1.5 V ~ 6 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount	Manufacturer Part Number	EL2276CS-T7
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       14-SOIC (0.154", 3.90mm Width)         Series       -         Amplifier Type       Current Feedback         Number of Circuits       2         Output Type       -         Slew Rate       800 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       70MHz         Current - Input Bias       4μA         Voltage - Input Offset       2.5mV         Current - Supply       1mA         Current - Output / Channel       55mA         Voltage - Supply, Single/Dual (±)       3 V ~ 12 V, ±1.5 V ~ 6 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount	Manufacturer	Renesas Electronics America
Package 14-SOIC (0.154", 3.90mm Width)  Series -  Amplifier Type Current Feedback  Number of Circuits 2  Output Type -  Slew Rate 800 V/μs  Gain Bandwidth Product -  -3db Bandwidth Product -  -3db Bandwidth Current - Input Bias 4μA  Voltage - Input Offset 2.5mV  Current - Supply 1mA  Current - Output / Channel 55mA  Voltage - Supply, Single/Dual (±) 3 V ~ 12 V, ±1.5 V ~ 6 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount	Category	Integrated Circuits (ICs)
Series - Amplifier Type Current Feedback Number of Circuits 2 Output Type - Slew Rate 800 V/ $\mu$ s Gain Bandwidth Product		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Current Feedback Number of Circuits 2   Output Type -   Slew Rate 800 V/ $\mu$ s   Gain Bandwidth Product -   -3db Bandwidth   Current - Input Bias 4 $\mu$ A   Voltage - Input Offset 2.5mV   Current - Supply 1mA   Current - Output / Channel 55mA   Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 12 V, $\pm$ 1.5 V ~ 6 V   Operating Temperature   -40°C ~ 85°C   Mounting Type Surface Mount	Package	14-SOIC (0.154", 3.90mm Width)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Series	-
Output Type - Slew Rate 800 V/ $\mu$ s Gain Bandwidth Product 3db Bandwidth 70MHz Current - Input Bias 4 $\mu$ A Voltage - Input Offset 2.5mV Current - Supply 1mA Current - Output / Channel 55mA Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 12 V, $\pm$ 1.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Amplifier Type	Current Feedback
Slew Rate $800 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth $70\text{MHz}$ Current - Input Bias $4\mu\text{A}$ Voltage - Input Offset $2.5\text{mV}$ Current - Supply $1\text{mA}$ Current - Output / Channel $55\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \text{ V} \sim 12 \text{ V}, \pm 1.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth 70MHz  Current - Input Bias $4\mu A$ Voltage - Input Offset $2.5mV$ Current - Supply $1mA$ Current - Output / Channel $55mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3V \sim 12V, \pm 1.5V \sim 6V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	800 V/μs
Current - Input Bias $4\mu A$ Voltage - Input Offset $2.5 mV$ Current - Supply $1 mA$ Current - Output / Channel $55 mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 V \sim 12 V, \pm 1.5 V \sim 6 V$ Operating Temperature $-40 ^{\circ} C \sim 85 ^{\circ} C$ Mounting Type Surface Mount	Gain Bandwidth Product	-
Voltage - Input Offset $2.5 \text{mV}$ Current - Supply $1 \text{mA}$ Current - Output / Channel $55 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \text{ V} \sim 12 \text{ V}, \pm 1.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	-3db Bandwidth	70MHz
Current - Supply $1 \text{mA}$ Current - Output / Channel $55 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \text{ V} \sim 12 \text{ V}, \pm 1.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Input Bias	4μΑ
Current - Output / Channel $55mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \text{ V} \sim 12 \text{ V}, \pm 1.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Voltage - Input Offset	2.5mV
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 12 V, $\pm$ 1.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Current - Supply	1mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Output / Channel	55mA
Mounting Type Surface Mount	Voltage - Supply, Single/Dual (±)	3 V ~ 12 V, ±1.5 V ~ 6 V
	Operating Temperature	-40°C ~ 85°C
Package / Case 14-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
Supplier Device Package 14-SOIC	Supplier Device Package	14-SOIC
Report error		Report errors?

### **EL2276CS-T7 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.

# **EL2276CS-T7 Payment Methods**



















### **EL2276CS-T7 Shipping Methods**













If you have any question about EL2276CS-T7, please do not hesitate to contact us!

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