

EL5237IYZ Information

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Part Number EL5237IYZ
Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VFB 300MHZ 10MSOP

Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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



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For Reference Only

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EL5237IYZ Specifications

Manufacturer Part Number EL.5237IYZ Manufacturer Intersil Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Series - Amplifier Type Voltage Feedback Number of Circuits 2 Output Type - Slew Rate 128 V/μs Gain Bandwidth Product 300MHz -3db Bandwidth 250MHz Current - Input Bias 6.5μA Voltage - Input Offset 100μV Current - Supply 5.8mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP		
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Slew Rate $128 \text{ V/}\mu\text{S}$ Gain Bandwidth Product 300MHz -3db Bandwidth 250MHz Current - Input Bias $6.5 \mu\text{A}$ Voltage - Input Offset $100 \mu\text{V}$ Current - Supply 5.8mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (\pm) $5 \text{ V} \sim 12 \text{ V}, \pm 2.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $10\text{-TFSOP, }10\text{-MSOP }(0.118", 3.00 \text{mm Width})$ Supplier Device Package 10-MSOP	Number of Circuits	2
Gain Bandwidth Product $300 MHz$ -3db Bandwidth $250 MHz$ Current - Input Bias $6.5 \mu A$ Voltage - Input Offset $100 \mu V$ Current - Supply $5.8 mA$ Current - Output / Channel $160 mA$ Voltage - Supply, Single/Dual (±) $5 V \sim 12 V, \pm 2.5 V \sim 6 V$ Operating Temperature $-40 ^{\circ}C \sim 85 ^{\circ}C$ Mounting TypeSurface MountPackage / Case $10-TFSOP$, $10-MSOP$ (0.118 ", $3.00 mm$ Width)Supplier Device Package $10-MSOP$	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	128 V/μs
Current - Input Bias $6.5\mu A$ Voltage - Input Offset $100\mu V$ Current - Supply $5.8mA$ Current - Output / Channel $160mA$ Voltage - Supply, Single/Dual (\pm) $5 V \sim 12 V, \pm 2.5 V \sim 6 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case 10 -TFSOP, 10 -MSOP $(0.118", 3.00mm Width)$ Supplier Device Package 10 -MSOP	Gain Bandwidth Product	300MHz
Voltage - Input Offset $100\mu V$ Current - Supply $5.8mA$ Current - Output / Channel $160mA$ Voltage - Supply, Single/Dual (\pm) $5 \ V \sim 12 \ V, \pm 2.5 \ V \sim 6 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface \ Mount$ Package / Case $10\text{-TFSOP}, 10\text{-MSOP} \ (0.118'', 3.00mm \ Width)$ Supplier Device Package 10-MSOP	-3db Bandwidth	250MHz
Current - Supply 5.8mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Current - Input Bias	6.5μΑ
Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) $5 \text{ V} \sim 12 \text{ V}, \pm 2.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $10\text{-TFSOP}, 10\text{-MSOP}$ ($0.118\text{"}, 3.00\text{mm}$ Width)Supplier Device Package 10-MSOP	Voltage - Input Offset	$100\mu V$
Voltage - Supply, Single/Dual (\pm) 5 V ~ 12 V, \pm 2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Current - Supply	5.8mA
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Current - Output / Channel	160mA
Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Voltage - Supply, Single/Dual (±)	5 V ~ 12 V, ±2.5 V ~ 6 V
Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 10-MSOP	Mounting Type	Surface Mount
	Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	10-MSOP
		Report errors?

EL5237IYZ 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.

EL5237IYZ Payment Methods



















EL5237IYZ Shipping Methods













If you have any question about EL5237IYZ, please do not hesitate to contact us!

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