



OPA337EA/2K5 Information



For Reference Only

Part Number OPA337EA/2K5
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

DescriptionIC OPAMP GP 3MHZ RRO 8VSSOP**Package**8-TSSOP, 8-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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OPA337EA/2K5 Specifications

Manufacturer Part Number OPA337EA/2K5 Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series MicroAmplifier? Amplifier Type General Purpose Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 1.2 V/μs Gain Bandwidth Product 3MHz -3db Bandwidth - Current - Input Bias 0.2pA Voltage - Input Offset 500μV Current - Supply 525μA Current - Output / Channel 9mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-VSSOP		
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Output Type Rail-to-Rail Slew Rate 1.2 V/µs Gain Bandwidth Product 3MHz -3db Bandwidth - Current - Input Bias 0.2pA Voltage - Input Offset 500µV Current - Supply 525µA Current - Output / Channel 9mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Amplifier Type	General Purpose
Slew Rate $\begin{array}{cccc} 1.2 \text{ V/}\mu\text{s} \\ \text{Gain Bandwidth Product} & 3\text{MHz} \\ -3\text{db Bandwidth} & - \\ \text{Current - Input Bias} & 0.2\text{pA} \\ \text{Voltage - Input Offset} & 500\mu\text{V} \\ \text{Current - Supply} & 525\mu\text{A} \\ \text{Current - Output / Channel} & 9\text{mA} \\ \text{Voltage - Supply, Single/Dual (\pm)} & 2.7 \text{ V} \sim 5.5 \text{ V}, $\pm 1.35 \text{ V} \sim 2.75 \text{ V} \\ \text{Operating Temperature} & -40^{\circ}\text{C} \sim 85^{\circ}\text{C} \\ \text{Mounting Type} & \text{Surface Mount} \\ \text{Package / Case} & 8-\text{TSSOP, 8-MSOP (0.118", 3.00mm Width)} \\ \text{Supplier Device Package} & 8-\text{VSSOP} \\ \end{array}$	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 0.2pA Voltage - Input Offset 500μV Current - Supply 525μA Current - Output / Channel 9mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Output Type	Rail-to-Rail
$-3db \ Bandwidth \\ -Current - Input \ Bias \\ 0.2pA \\ Voltage - Input \ Offset \\ 500\mu V \\ Current - Supply \\ 525\mu A \\ Current - Output / Channel \\ 9mA \\ Voltage - Supply, Single/Dual (\pm) 2.7 \ V \sim 5.5 \ V, \pm 1.35 \ V \sim 2.75 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 85^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-TSSOP, 8-MSOP (0.118'', 3.00mm \ Width) \\ Supplier \ Device \ Package \\ 8-VSSOP$	Slew Rate	1.2 V/μs
Current - Input Bias $0.2pA$ Voltage - Input Offset $500\mu V$ Current - Supply $525\mu A$ Current - Output / Channel $9mA$ Voltage - Supply, Single/Dual (\pm) $2.7\ V \sim 5.5\ V, \pm 1.35\ V \sim 2.75\ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case 8 -TSSOP, 8 -MSOP (0.118 ", $3.00mm$ Width) Supplier Device Package 8 -VSSOP	Gain Bandwidth Product	3MHz
$Voltage - Input Offset \\ S00\mu V \\ Current - Supply \\ S25\mu A \\ Current - Output / Channel \\ 9mA \\ Voltage - Supply, Single/Dual (\pm) 2.7 \text{ V} \sim 5.5 \text{ V}, \pm 1.35 \text{ V} \sim 2.75 \text{ V} \\ Operating Temperature \\ -40^{\circ}\text{C} \sim 85^{\circ}\text{C} \\ Mounting Type \\ Surface Mount \\ Package / Case \\ 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) \\ Supplier Device Package \\ 8-VSSOP \\ \\$	-3db Bandwidth	-
Current - Supply $525\mu A$ Current - Output / Channel $9mA$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 5.5 \text{ V}, \pm 1.35 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package $-80^{\circ}\text{C} \sim 80^{\circ}\text{C}$	Current - Input Bias	0.2pA
Current - Output / Channel9mAVoltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 5.5 \text{ V}, \pm 1.35 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118° , 3.00mm Width)Supplier Device Package $8-\text{VSSOP}$	Voltage - Input Offset	500μV
Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 5.5 V, \pm 1.35 V ~ 2.75 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-VSSOP	Current - Supply	525μΑ
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-VSSOP	Current - Output / Channel	9mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-VSSOP	Voltage - Supply, Single/Dual (±)	2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-VSSOP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-VSSOP	Mounting Type	Surface Mount
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	8-VSSOP
		Report errors?

OPA337EA/2K5 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.

OPA337EA/2K5 Payment Methods





















OPA337EA/2K5 Shipping Methods













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