



### **OPA2836IDR Information**



For Reference Only

Part Number OPA2836IDR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP VFB 118MHZ RRO 8SOIC

**Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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# **OPA2836IDR Specifications**

Manufacturer Part Number       OPA2836IDR         Manufacturer       Texas Instruments         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       8-SOIC (0.154", 3.90mm Width)         Series       -         Amplifier Type       Voltage Feedback         Number of Circuits       2         Output Type       Rail-to-Rail         Slew Rate       580 V/μs         Gain Bandwidth Product       118MHz         -3db Bandwidth       205MHz         Current - Input Bias       650nA         Voltage - Input Offset       65μV         Current - Supply       1mA         Current - Output / Channel       50mA         Voltage - Supply, Single/Dual (±)       2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         Package / Case       8-SOIC (0.154", 3.90mm Width)         Supplier Device Package       8-SOIC		
CategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeVoltage FeedbackNumber of Circuits2Output TypeRail-to-RailSlew Rate580 V/μsGain Bandwidth Product118MHz-3db Bandwidth205MHzCurrent - Input Bias650nAVoltage - Input Offset65μVCurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	OPA2836IDR
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Series Amplifier Type Voltage Feedback  Number of Circuits 2  Output Type Rail-to-Rail Slew Rate 580 V/µs  Gain Bandwidth Product 118MHz  -3db Bandwidth Current - Input Bias 650nA  Voltage - Input Offset 65µV  Current - Supply 1mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
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Output Type Rail-to-Rail  Slew Rate  580 V/µs  Gain Bandwidth Product  118MHz  -3db Bandwidth  205MHz  Current - Input Bias  650nA  Voltage - Input Offset  65µV  Current - Supply  1mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  40°C ~ 125°C  Mounting Type  Package / Case  8-SOIC (0.154", 3.90mm Width)	Amplifier Type	Voltage Feedback
Slew Rate $580 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $118\text{MHz}$ -3db Bandwidth $205\text{MHz}$ Current - Input Bias $650\text{nA}$ Voltage - Input Offset $65\mu\text{V}$ Current - Supply $1\text{mA}$ Current - Output / Channel $50\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.5 \text{ V} \sim 5.5 \text{ V}$ , $\pm 1.25 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $8\text{-SOIC }(0.154^{\circ}\text{N}, 3.90\text{mm Width})$	Number of Circuits	2
Gain Bandwidth Product  -3db Bandwidth  Current - Input Bias  650nA  Voltage - Input Offset  Current - Supply  1mA  Current - Output / Channel  Voltage - Supply, Single/Dual ( $\pm$ )  Operating Temperature  Mounting Type  Package / Case  118MHz  205MHz  650nA  Voltage - Supply Offset  65 $\mu$ V  1mA  205 N - 205 N	Output Type	Rail-to-Rail
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	580 V/μs
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	118MHz
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Current - Supply $1mA$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.5 \text{ V} \sim 5.5 \text{ V}, \pm 1.25 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC }(0.154\text{"}, 3.90\text{mm Width})$	Current - Input Bias	650nA
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Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	50mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V
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	Mounting Type	Surface Mount
Supplier Device Package 8-SOIC	Package / Case	8-SOIC (0.154", 3.90mm Width)
**	Supplier Device Package	8-SOIC
Report error		Report errors?

#### **OPA2836IDR 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.

## **OPA2836IDR Payment Methods**



















## **OPA2836IDR Shipping Methods**













If you have any question about OPA2836IDR, please do not hesitate to contact us!

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