



FHP3130IM8X Information



For Reference Only

Part Number FHP3130IM8X

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VFB 60MHZ RRO 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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FHP3130IM8X Specifications

| Manufacturer Part Number FHP3130IM8X Manufacturer ON Semiconductor 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 1 Output Type Rail-to-Rail Slew Rate 110 V/μs Gain Bandwidth Product 60MHz -3db Bandwidth 170MHz Current - Input Bias 1.8μA Voltage - Input Offset 1mV Current - Supply 2.5mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 12 V, ±1.35 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount | | |
|---|-----------------------------------|---|
| 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 1 Output Type Rail-to-Rail Slew Rate 110 V/µs Gain Bandwidth Product -3db Bandwidth 170MHz Current - Input Bias 1.8µA Voltage - Input Offset ImV Current - Supply 2.5mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 2.7 V ~ 12 V, ±1.35 V ~ 6 V Operating Temperature -40°C ~ 85°C | Manufacturer Part Number | FHP3130IM8X |
| Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type Voltage Feedback Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 110 V/µs Gain Bandwidth Product -3db Bandwidth 170MHz Current - Input Bias Voltage - Input Offset ImV Current - Supply 2.5mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 8-SOIC (0.154", 3.90mm Width) 1 Voltage Feedback 1 Number of Circuits 1 Amall to-Rail 10V/µs 60MHz 170MHz 170MHz 2.5mA | Manufacturer | ON Semiconductor |
| Package8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeVoltage FeedbackNumber of Circuits1Output TypeRail-to-RailSlew Rate 110 V/μs Gain Bandwidth Product 60MHz -3db Bandwidth 170MHz Current - Input Bias $1.8\mu\text{A}$ Voltage - Input Offset 1mV Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 12 \text{ V}, \pm 1.35 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ | Category | Integrated Circuits (ICs) |
| Series Amplifier Type Voltage Feedback Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 110 V/μs Gain Bandwidth Product -3db Bandwidth 170MHz Current - Input Bias Voltage - Input Offset 1mV Current - Supply Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature -40°C ~ 85°C | | Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps |
| Amplifier Type Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 110 V/μs Gain Bandwidth Product -3db Bandwidth 170MHz Current - Input Bias 1.8μA Voltage - Input Offset ImV Current - Supply 2.5mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Voltage Feedback 1 Voltage Supply Rail-to-Rail 110 V/μs 60MHz 170MHz 170MHz 170MHz 1.8μA Voltage - Input Offset 1mV 2.5mA Current - Output / Channel 100mA | Package | 8-SOIC (0.154", 3.90mm Width) |
| Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 110 V/ μ s Gain Bandwidth Product 60MHz -3db Bandwidth 170MHz Current - Input Bias 1.8 μ A Voltage - Input Offset 1mV Current - Supply 2.5mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 12 V, \pm 1.35 V ~ 6 V Operating Temperature -40°C ~ 85°C | Series | - |
| Output Type Rail-to-Rail Slew Rate $110 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 60MHz -3db Bandwidth 170MHz Current - Input Bias $1.8\mu\text{A}$ Voltage - Input Offset 1mV Current - Supply 2.5mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 12 \text{ V}, \pm 1.35 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ | Amplifier Type | Voltage Feedback |
| Slew Rate $ 110 \text{ V/}\mu\text{s} $ Gain Bandwidth Product $ 60 \text{MHz} $ $-3 \text{db Bandwidth} $ $ 170 \text{MHz} $ Current - Input Bias $ 1.8 \mu\text{A} $ Voltage - Input Offset $ 1 \text{mV} $ Current - Supply $ 2.5 \text{mA} $ Current - Output / Channel $ 100 \text{mA} $ Voltage - Supply, Single/Dual (\pm) $ 2.7 \text{ V} \sim 12 \text{ V}, \pm 1.35 \text{ V} \sim 6 \text{ V} $ Operating Temperature $ -40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C} $ | Number of Circuits | 1 |
| Gain Bandwidth Product $60 MHz$ -3db Bandwidth $170 MHz$ Current - Input Bias $1.8 \mu A$ Voltage - Input Offset $1 mV$ Current - Supply $2.5 mA$ Current - Output / Channel $100 mA$ Voltage - Supply, Single/Dual (±) $2.7 V \sim 12 V, \pm 1.35 V \sim 6 V$ Operating Temperature $-40 ^{\circ}C \sim 85 ^{\circ}C$ | Output Type | Rail-to-Rail |
| $ \begin{array}{llllllllllllllllllllllllllllllllllll$ | Slew Rate | 110 V/μs |
| Current - Input Bias 1.8 μ A Voltage - Input Offset 1mV 2.5mA Current - Supply 2.5mA 100mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 12 V, \pm 1.35 V ~ 6 V Operating Temperature -40°C ~ 85°C | Gain Bandwidth Product | 60MHz |
| Voltage - Input Offset $1mV$ Current - Supply $2.5mA$ Current - Output / Channel $100mA$ Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 12 \text{ V}, \pm 1.35 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ | -3db Bandwidth | 170MHz |
| Current - Supply 2.5mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 12 V, \pm 1.35 V ~ 6 V Operating Temperature -40°C ~ 85°C | Current - Input Bias | 1.8μΑ |
| Current - Output / Channel 100mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 12 V, \pm 1.35 V ~ 6 V Operating Temperature -40°C ~ 85°C | Voltage - Input Offset | 1mV |
| Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 12 V, \pm 1.35 V ~ 6 V Operating Temperature -40°C ~ 85°C | Current - Supply | 2.5mA |
| Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ | Current - Output / Channel | 100mA |
| | Voltage - Supply, Single/Dual (±) | 2.7 V ~ 12 V, ±1.35 V ~ 6 V |
| Mounting Type Surface Mount | Operating Temperature | -40°C ~ 85°C |
| Mounting Type Surface Mount | Mounting Type | Surface Mount |
| Package / Case 8-SOIC (0.154", 3.90mm Width) | Package / Case | 8-SOIC (0.154", 3.90mm Width) |
| Supplier Device Package 8-SOIC | Supplier Device Package | 8-SOIC |
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FHP3130IM8X 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.

FHP3130IM8X Payment Methods





















FHP3130IM8X Shipping Methods













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