



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 NumberFHP3130IM8XManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeVoltage FeedbackNumber of Circuits1Output TypeRail-to-RailSlew Rate110 V/μsGain Bandwidth Product60MHz-3db Bandwidth170MHzCurrent - Input Bias1.8μAVoltage - Input Offset1mVCurrent - Supply2.5mACurrent - Output / Channel100mAVoltage - Supply, Single/Dual (±)2.7 V ~ 12 V, ±1.35 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)		
Category Integrated Circuits (ICs) 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 1.8µA Voltage - Input Offset ImV Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	FHP3130IM8X
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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} $ Mounting Type $ \text{Surface Mount} $ Package / Case $ 8-\text{SOIC } (0.154^{\circ}\text{H}, 3.90 \text{mm Width}) $	Number of Circuits	1
Gain Bandwidth Product -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 Package / Case 8-SOIC (0.154", 3.90mm Width)	Output Type	Rail-to-Rail
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	110 V/μs
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 (\pm) $2.7 \ V \sim 12 \ V, \pm 1.35 \ V \sim 6 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface \ Mount$ Package / Case $8-SOIC \ (0.154'', 3.90 mm \ Width)$	Gain Bandwidth Product	60MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-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 Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Input Bias	1.8μΑ
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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC } (0.154^{\circ}\text{N}, 3.90 \text{mm Width})$	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 Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply	2.5mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	100mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	2.7 V ~ 12 V, ±1.35 V ~ 6 V
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
0.000	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report error		Report errors?

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.

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FHP3130IM8X Shipping Methods













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