

### LM7121IMX/NOPB

### LM7121IMX/NOPB Information



For Reference Only

Part Number LM7121IMX/NOPB

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP VFB 175MHZ 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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### LM7121IMX/NOPB Specifications

Manufacturer Part Number         LM7121IMX/NOPB           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         1           Output Type         -           Slew Rate         1300 V/μs           Gain Bandwidth Product         175MHz           -3db Bandwidth         235MHz           Current - Input Bias         5.2μA           Voltage - Input Offset         900μV           Current - Supply         5.3mA           Current - Output / Channel         71mA           Voltage - Supply, Single/Dual (±)         4.5 V ~ 33 V, ±2.25 V ~ 16.5 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC		
Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	LM7121IMX/NOPB
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Series - Amplifier Type Voltage Feedback Number of Circuits 1 Output Type - Slew Rate 1300 V/μs Gain Bandwidth Product 175MHz -3db Bandwidth 235MHz Current - Input Bias 5.2μA Voltage - Input Offset 900μV Current - Supply 5.3mA Current - Output / Channel 71mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 33 V, ±2.25 V ~ 16.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
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Number of Circuits       1         Output Type       -         Slew Rate       1300 V/μs         Gain Bandwidth Product       175MHz         -3db Bandwidth       235MHz         Current - Input Bias       5.2μA         Voltage - Input Offset       900μV         Current - Supply       5.3mA         Current - Output / Channel       71mA         Voltage - Supply, Single/Dual (±)       4.5 V ~ 33 V, ±2.25 V ~ 16.5 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Package / Case       8-SOIC (0.154", 3.90mm Width)         Supplier Device Package       8-SOIC	Series	-
Output Type  Slew Rate  Gain Bandwidth Product  -3db Bandwidth  Current - Input Bias  Voltage - Input Offset  Current - Supply  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  Service Advice Associated	Amplifier Type	Voltage Feedback
Slew Rate  Gain Bandwidth Product  -3db Bandwidth  Current - Input Bias  Voltage - Input Offset  Current - Supply  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  S-SOIC  Symbol Symbo	Number of Circuits	1
Gain Bandwidth Product  -3db Bandwidth  235MHz  Current - Input Bias  5.2μA  Voltage - Input Offset  900μV  Current - Supply  5.3mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  4.5 V ~ 33 V, ±2.25 V ~ 16.5 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Output Type	-
$-3 db \ Bandwidth \qquad \qquad 235 MHz \\ Current - Input \ Bias \qquad \qquad 5.2 \mu A \\ Voltage - Input \ Offset \qquad \qquad 900 \mu V \\ Current - Supply \qquad \qquad 5.3 mA \\ Current - Output / Channel \qquad \qquad 71 mA \\ Voltage - Supply, Single/Dual (\pm)  4.5 \ V \ \circ 33 \ V, \ \pm 2.25 \ V \ \circ 16.5 \ V  Operating Temperature   -40 \circ C \ \circ 85 \circ C  \text{Mount}  \text{Surface Mount}  \text{Package } / \text{Case}   8-SOIC  (0.154", 3.90 mm Width)  \text{Supplier Device Package}   8-SOIC$	Slew Rate	1300 V/μs
Current - Input Bias $5.2\mu A$ Voltage - Input Offset $900\mu V$ Current - Supply $5.3mA$ Current - Output / Channel $71mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.5 \ V \sim 33 \ V, \pm 2.25 \ V \sim 16.5 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount  Package / Case $8$ -SOIC $(0.154^{\circ}, 3.90mm \ Width)$ Supplier Device Package $8$ -SOIC	Gain Bandwidth Product	175MHz
Voltage - Input Offset	-3db Bandwidth	235MHz
Current - Supply 5.3mA  Current - Output / Channel 71mA  Voltage - Supply, Single/Dual (±) 4.5 V ~ 33 V, ±2.25 V ~ 16.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Input Bias	5.2μΑ
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Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package  8-SOIC	Current - Output / Channel	71mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual $(\pm)$	4.5 V ~ 33 V, ±2.25 V ~ 16.5 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Deposit among	Supplier Device Package	8-SOIC
Report errors		Report errors?

### LM7121IMX/NOPB 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.

### LM7121IMX/NOPB Payment Methods



















## LM7121IMX/NOPB Shipping Methods













If you have any question about LM7121IMX/NOPB, please do not hesitate to contact us!

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