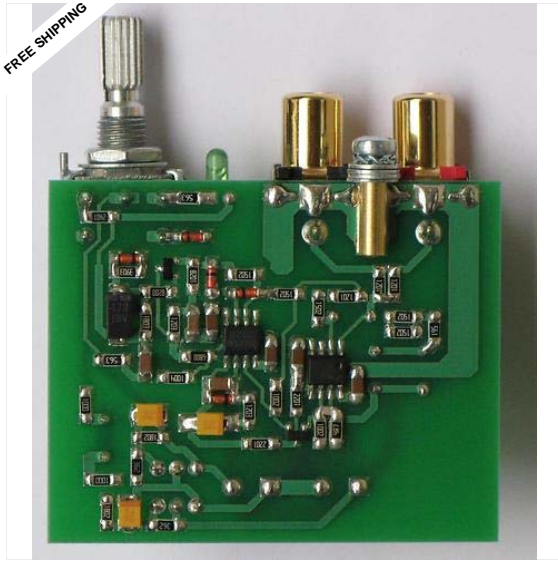


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Ultra low distortion (<0.00001%) 1kHz sine generator assembled and tested PCB

Item condition: **New**

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Quantity: 4 available / 2 sold

Price: **US \$52.00** Buy It Now

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Seller information

mickevich (199)

100% Positive feedback

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Shipping: **FREE** Standard Shipping from outside US |

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See details about international shipping here.

Item location: **Riga, Latvia**

Ships to: **Worldwide**

Delivery: Estimated between **Tue. Oct. 1** and **Tue. Oct. 8**

Payments: **PayPal** | [See details](#)

Returns: 14 days money back, buyer pays return shipping
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Description

Shipping and payments

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Seller assumes all responsibility for this listing.

eBay item number: 321210245228

Last updated on Sep 18, 2013 11:17:48 PDT [View all revisions](#)

Item specifics

Condition: **New:** A brand-new, unused, unopened, undamaged item in its original packaging (where packaging is ... [Read more](#)



Ultra low distortion 1kHz fixed frequency sine generator assembled and tested PCB for distortions measuring applications. Fully analog schematic based on LME49720 opamp. Variable output voltage is provided by automatic gain control circuit. Require single isolated DC 35V external power supply for working (not included) - LM317 or LM317HV based supply is good enough. For the ultra low distortions measuring, PCB must be placed in shield.

Improved version (4-th step) of this generator is on sale now . Typical performance of this generator ([measured by my tools](#)) now is less than -145dB (<0.055ppm) level of second and third harmonics.

(Some parts and values may be different as on picture, cause the adjustment result and improvement)

Specifications:

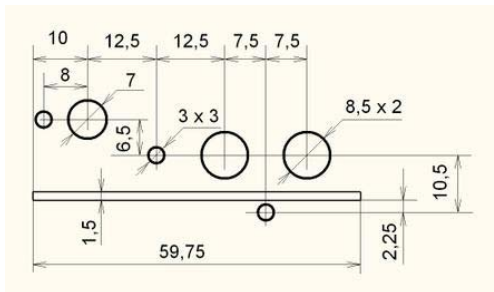
Second and third harmonic levels	< 0.1 ppm (< 0.00001%)
unloaded or loaded 600ohm	
Output frequency	1kHz +/- 1%
Unloaded output voltage level	300mV - 2.6V (RMS)
Output impedance	600 ohm
External power supply DC voltage/current	35V / 25mA
Dimensions (W x D x H) / Weight	60mm x 70mm (50mm - board) x 27mm / 20g

- *Gold plated RCA sockets.
- *Power on LED indicator.
- *Output level regulator.
- *GND terminal.
- *Two year warranty.

10kHz similar generator is also available:

[Ultra low distortion \(<0.00005%\) 10kHz sine generator assembled and tested PCB](#)

Other audio frequency ultra low distortion similar generators available by request. First, please contact with me for this.



You can find some information about this item in diyaudio forum:

<http://www.diyaudio.com/forums/equipment-tools/205304-low-distortion-audio-range-oscillator-21.html>

Feedback for this item:

- 1) A++++, fast shipper, the best !!!!!
- 2) Yet to use but very happy with this seller.
- 3) Fast shipping, great item. Recommended seller!!!!
- 4) Item as described, thanks,
- 5) Fast shipping, careful packaging, great deal!
- 6) Very nice,fast, 5 - STAR seller - Thanks. (5 zvaigznes, paldies)
- 7) Excellent, thanks!
- 8) Great communication, fast ship, item as described + well packed - Delightful!!!
- 9) WOW. Immeasurable odd distortion. -135dB THD. Thanks for a great product !!
- 10) excellent product at a fair price! Thank you!
- 11) Shipping very quick. Packed extremely well.
- 12) You get quality here. Nice oscillator. Fast shipping. Nice Contact. +++TOP+++
- 13) Top Notch Seller!
- 14) Excellent transaction. Prompt delivery. Well packed. Good e-mail comm. Tnx.
- 15) Perfect, Thanks!
- 16) Items well packed and arrived as described. deserved +++++.
- 17) Great packing, excellent communication. Thanks!
- 18) Great Product, Excellent Craftsmanship, Can't say enough good things. A+++++
- 19) awesome job!
- 20) Incredible Oscillator (-> DIY-Audio), immediate shipment, excellent packing :-)
- 21) Excellent Seller Highly recommended Fine item Perfect + Fast P&P Very satisfied



Questions and answers about this item

No questions or answers have been posted about this item.

[Ask a question](#)