

MICROCHIP LMC7101AYM5-TR Operational Amplifier, 1 Amplifier, 500kHz, 0.4V/ μ s, 2.7V to 12V, SOT-23, 5Pins

Manufacturers	Microchip Technology, Inc
Package/Case	SC-74A, SOT-753
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LMC7101AYM5-TR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

General Description

The LMC7101 device is a high-performance CMOS operational amplifier available in the space-saving 5-pin SOT-23 tiny package. This makes the LMC7101 ideal for space- and weight-critical designs. The performance is similar to a single amplifier of the LMC6482 and LMC6484 types, with rail-to-rail input and output, high open-loop gain, low distortion, and low-supply currents.

The main benefits of the tiny package are most apparent in small portable electronic devices, such as mobile phones, pagers, notebook computers, personal digital assistants, and PCMCIA cards. The tiny amplifiers can be placed on a board where they are needed, thus simplifying board layout.

Features

Tiny 5-Pin SOT-23 Package Saves Space—Typical

Circuit Layouts Take Half the

Space of 8-Pin SOIC Designs

Ensured Specifications at 2.7-V, 3-V, 5-V, 15-V

Supplies

Typical Supply Current 0.5 mA at 5 V

Typical Total Harmonic Distortion of 0.01% at 5 V

1-MHz Gain Bandwidth

Similar to Popular LMC6482 and LMC6484

Rail-to-Rail Input and Output

Temperature Range -40°C to 125°C

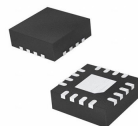


Related Products



[SY88149NDLMG](#)

Microchip Technology, Inc
QFN-16



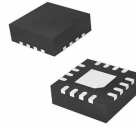
[SY88349NDLMG-TR](#)

Microchip Technology, Inc
16-VFQFN



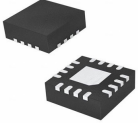
[SY88349NDLMG](#)

Microchip Technology, Inc
QFN-16



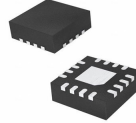
[SY88149HALMG-TR](#)

Microchip Technology, Inc
16-VFQFN



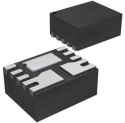
[SY88063CLMG-TR](#)

Microchip Technology, Inc
16-VFQFN



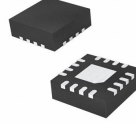
[SY88053CLMG-TR](#)

Microchip Technology, Inc
16-VFQFN



[SY88053CLMG](#)

Microchip Technology, Inc
MLF-16



[SY88353BLMG-TR](#)

Microchip Technology, Inc
16-VFQFN, 16-MLF?