



LM383 - 7-W Audio Power Amplifier [Discontinued]

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Features

- High peak current capability (3.5A)
- Large output voltage swing
- Externally programmable gain
- Wide supply voltage range (5V-20V)
- Few external parts required
- Low distortion
- High input impedance
- No turn-on transients
- High voltage protection available (LM383A)
- Low noise
- AC short circuit protected

General Description

The LM383 is a cost effective, high power amplifier suited for automotive applications. [More...](#)

Typical Application

[See Datasheet for Application Information](#)

Datasheet

RoHS Compliance Information	Size in Kbytes	Date			
LM383/LM383A 7W Audio Power Amplifier	131 Kbytes	7-Jan-96	View Online	Download	Receive via Email

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Obsolete Parts

Obsolete Part	Alternate Part or Supplier	Source	Last Time Buy Date
LM383AT	NONE	NONE	09/08/98
LM383AT01	LM383AT/LM383T	NATIONAL SEMICONDUCTOR	04/04/95
LM383T	NONE	NONE	09/08/98
LM383T01	LM383T	NATIONAL SEMICONDUCTOR	01/15/96

General Description

The LM383 is a cost effective, high power amplifier suited for automotive applications. High current capability (3.5A) enables the device to drive low impedance loads with low distortion. The LM383 is current limited and thermally protected. High voltage protection is available (LM383A) which enables the amplifier to withstand 40V transients on its supply. The LM383 comes in a 5-pin TO-220 package.

[Information as of 19-Jul-2008]

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