



## LM1201 Video Amplifier System

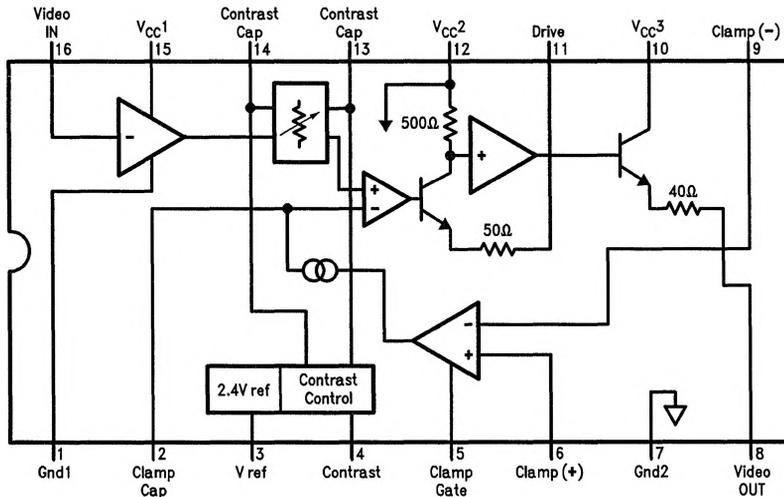
### General Description

The LM1201 is a wideband video amplifier system intended for high resolution monochrome or RGB monitor applications. In addition to the wideband video amplifier the LM1201 contains a gated differential input black level clamp comparator for brightness control and an attenuator circuit for contrast control. The LM1201 also provides a "Drive" pin for setting system gain and peaking of the video amplifier. The LM1201 also contains a voltage reference for the video input. For medium resolution RGB color monitor applications also see the LM1203 Video Amplifier System data sheet.

### Features

- Wideband video amplifier (100 MHz)
- Attenuator circuit for contrast control (> 40 dB range)
- Externally gated comparator for brightness control
- Provisions for external gain set and peaking of video amplifier
- Video input voltage reference
- Low impedance output driver

### Block and Connection Diagram



Top View

TL/H/9289-1