

Agamem Microelectronics Inc.

AA4556

PRELIMINARY

DUAL HIGH CURRENT OPERATIONAL AMPLIFIER

## DESCRIPTION

The AA4556 integrated circuit is a high-gain, high output current dual operational amplifier capable of driving  $\pm$ 70mA into 150 $\Omega$  loads (10.5V output voltage), and operating low supply voltage(V+/V- =  $\pm$ 2V~).The AA4556 has the capability of driving 150 $\Omega$  loads. In addition, the wide band-width, low noise, high slew rate and low distortion of the AA4556 make it ideal for many audio, telecommunications and instrumentation applications.

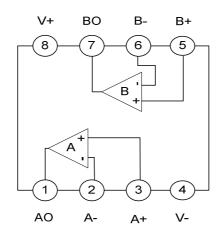
## **FEATURES**

- Operating Voltage (±2V ~ ±18V)
- High Output Current (lo=70mA)
- Slew Rate (3.5V/ μ s)
- Gain Band Width Product
  (8MHz)
- Bipolar Technology

## APPLICATION

- Audio Technology
- Telecommunication Circuit
- Instrumentation Application

## BLOCK DIAGRAM



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