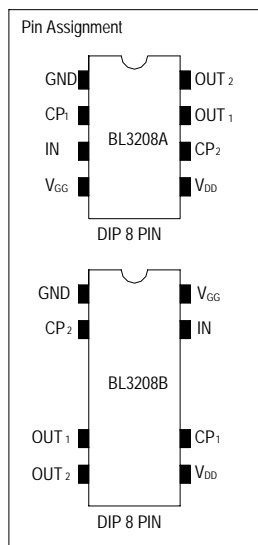


Description

The BL3208A/B is a 2048-stage low voltage operation, and low noise BBD variable delay line in audio frequency range. The device operates on +5V to +10V supply and provides a signal delay up to 102.4ms. The BL3208 contains 3208A and 3208B two classes. The only differences between them are the outlook and pin assignment.



Features

Adjustable audio signal delay time range: 10.24ms-102.4ms

Wide supply voltage range: 5V-10V

Typical insertion loss: $L_i=0\text{dB}$

Wide dynamic range: $S/N=71\text{B}(\text{type})$

Low distortion: $\text{THD}=2.5\%(\text{type})$

Clock frequency range: 10kHz-100kHz

N-channel silicon gate process

8-pin plastic DIP for BL3208A, and 8-pin plastic

DIP in outlook of 14-pin DIP for BL3208B

Application

Chorus, fading, vibrato and reverberation on effects of audio equipments.

Sound effect of electronic musical instruments

Variable or fixed time-delay circuit for analog signals.

Application Circuit
3208

