LA4180,4182

monolithic linear IC

CIRCUIT DRAWING No.2072

2-CHANNEL AF POWER AMP. FOR TAPE RECORDER, RADIO

查询"LA4185T"供应商

3022A

Features

- Built-in 2 channels enabling use in stereo and bridge amplifier applications.
- High output.
  LA4180: 1W typ./channel, V_{CC}=6V, R_L=4 ohm, and 2.8W typ./bridge amplifier, V_{CC}=9V, R_L=4ohm.
  LA4182: 2.3W typ./channel, V_{CC}=9V, R_L=4 ohm, and 4.7W typ./bridge amplifier, V_{CC}=9V, R_L=8ohm.
- Minimum number of external parts required: 9 pcs. min. (Stereo/bridge).
- Small pop noise at the time of power supply ON/OFF due to built-in muting circuit.
- Good ripple rejection due to built-in ripple filter.
- Soft tone at the time of output saturation.
- Good channel separation.
- Voltage gain fixed at 45dB (Bridge: 51dB). Variable voltage gain available with external resistor added.
- Easy to design radiator fin.

LA4183

monolithic linear IC

CIRCUIT DRAWING No.2072

2-CHANNEL AF POWER AMP. FOR TAPE RECORDER, RADIO

3022A

Features

- Built-in 2 channels enabling use in stereo and bridge amplifier applications.
- High output.
  2.3W typ./channel, V_{CC}=9V, R_L=4ohm, and 4.7W typ./bridge amplifier, V_{CC}=9V, R_L=8 ohm.
- Low switching distortion at high frequencies.
- Minimum number of external parts required: 9 pcs. min. (Stereo/bridge).
- Small pop noise at the time of power supply ON/OFF due to built-in muting circuit.
- Good ripple rejection due to built-in ripple filter.
- Soft tone at the time of output saturation.
- Good channel separation.
- Voltage gain fixed at 45dB (Bridge: 51dB). Variable voltage gain available with external resistor added.

LA4185,4185T

monolithic linear IC

CIRCUIT DRAWING No.2073

2-CHANNEL AF POWER AMP. FOR TAPE RECORDER, RADIO

3023A

Features

- Built-in 2 channels enabling use in stereo and bridge amplifier applications.
- High output.
  LA4185: 2.4W typ./channel, V_{CC}=9V, R_L=4 ohm, and 7.7W typ./bridge amplifier, V_{CC}=9V, R_L=4ohm.
  LA4185T: 4.2W typ./channel, V_{CC}=12V, R_L=4ohm, and 9.0W typ./bridge amplifier, V_{CC}=12V, R_L=8ohm.
- Low switching distortion at high frequencies.
- Minimum number of external parts required: 9 pcs. min. (Stereo/bridge).
- Small pop noise at the time of power supply ON/OFF due to built-in muting circuit.
- Good ripple rejection due to built-in ripple filter.
- Soft tone at the time of output saturation.
- Good channel separation.
- Voltage gain fixed at 45dB (Bridge: 51dB). Variable voltage gain available with external resistor added.
- Easy to mount on board and also easy to design radiator fin due to use of 14-pin single end package.

This Material Copyrighted By Its Respective Manufacturer