



LA3600	monolithic linear IC	CIRCUIT DRAWING No.2061
5-BAND GRAPHIC EQUALIZER		 3006A

Applications

- Portable components, radio cassettes, car stereos.


Features

- One OP amp on chip.
- 5-band graphic equalizer for one channel can be formed easily by externally connecting capacitors and variable resistors which fix f_0 (resonance frequency).
- Series connection of two LA3600's makes multiband (6 to 10 bands) available.
- Highly stable to capacitive load.

LA4100 thru 4102	monolithic linear IC	CIRCUIT DRAWING No.2062
AF POWER AMP. FOR RADIO, TAPE RECORDER		 3005A


Features

- AF output power LA4100:1.0W typ / 6V,4 ohm. LA4101:1.5W typ / 7.5V,4 ohm. LA4102:2.1W typ /9V,4 ohm.
- Sufficient regulation under dry battery operation.

LA4120,4125,4125T	monolithic linear IC	CIRCUIT DRAWING No.2063
2-CHANNEL AF POWER AMP. FOR RADIO, TAPE RECORDER		 3009A

Features

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|--|---|--------|-------------|--------|-------------|--------|------------------|----|------|--------|-----------|------|------|---------|------------|------|---|---|---------|---|------|---|
| <ul style="list-style-type: none"> ■ Dual amplifier can be used both for stereo and bridge amplifier. ■ High Output Power. | <table border="0"> <tr> <td></td> <td></td> <td>stereo</td> <td>bridge amp.</td> </tr> <tr> <td>LA4120</td> <td>VCC=6V, RL=4 ohm</td> <td>1W</td> <td>3.5W</td> </tr> <tr> <td>LA4125</td> <td>9V, 4 ohm</td> <td>2.4W</td> <td>7.7W</td> </tr> <tr> <td>LA4125T</td> <td>12V, 4 ohm</td> <td>4.2W</td> <td>-</td> </tr> <tr> <td>"</td> <td>" 8 ohm</td> <td>-</td> <td>9.0W</td> </tr> </table> <ul style="list-style-type: none"> ■ Few peripheral parts: 9 parts min. (stereo/bridge). | | | stereo | bridge amp. | LA4120 | VCC=6V, RL=4 ohm | 1W | 3.5W | LA4125 | 9V, 4 ohm | 2.4W | 7.7W | LA4125T | 12V, 4 ohm | 4.2W | - | " | " 8 ohm | - | 9.0W | <ul style="list-style-type: none"> ■ Small pop noise due to the muting circuit installed. ■ Good ripple rejection due to the ripple filter installed. ■ Soft tone at output saturation. ■ Excellent channel separation. ■ Voltage gain is fixed as 45dB but an added resistor can vary down the gain. ■ High frequency response can be adjusted by the suitable pin. ■ Simple thermal designing. |
| | | stereo | bridge amp. | | | | | | | | | | | | | | | | | | | |
| LA4120 | VCC=6V, RL=4 ohm | 1W | 3.5W | | | | | | | | | | | | | | | | | | | |
| LA4125 | 9V, 4 ohm | 2.4W | 7.7W | | | | | | | | | | | | | | | | | | | |
| LA4125T | 12V, 4 ohm | 4.2W | - | | | | | | | | | | | | | | | | | | | |
| " | " 8 ohm | - | 9.0W | | | | | | | | | | | | | | | | | | | |

LA4137,4138	monolithic linear IC	CIRCUIT DRAWING No.2064
AF POWER AMPLIFIER FOR TAPE RECORDER		 3005A

Features

- A small number of external parts (5 pcs. min.).
- High output.
- Soft tone at the time of output saturation.
- Voltage gain fixed at 51 dB variable by adding external resistor.
- Pin available for adjusting frequency characteristic.
- Low ripple power supply pin available for pre-amplifier.