



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" style="margin-left: 40px;"> <tr> <td></td> <td></td> <td style="text-align: center;">stereo</td> <td style="text-align: center;">bridge amp.</td> </tr> <tr> <td>LA4120</td> <td>$V_{CC}=6V, R_L=4 \text{ ohm}$</td> <td>1W</td> <td>3.5W</td> </tr> <tr> <td>LA4125</td> <td>9V,</td> <td>4 ohm</td> <td>2.4W 7.7W</td> </tr> <tr> <td>LA4125T</td> <td>12V,</td> <td>4 ohm</td> <td>4.2W -</td> </tr> <tr> <td>"</td> <td>"</td> <td>8 ohm</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 | $V_{CC}=6V, R_L=4 \text{ ohm}$ | 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 | $V_{CC}=6V, R_L=4 \text{ ohm}$ | 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

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| <ul style="list-style-type: none"> ■ 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. | <ul style="list-style-type: none"> ■ Pin available for adjusting frequency characteristic. ■ Low ripple power supply pin available for pre-amplifier. |
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