DE 7997076 0001852 4 SANYO SEMICONDUCTOR CORP 76

DT-74-05-01 76C 01852

LA3600

CIRCUIT DRAWING monolithic linear IC No.2061

5-BAND GRAPHIC EQUALIZER

7997076 SANYO SEMICUNDUCTOR CORP



Applications

Portable components, radio cassettes, car stereos.

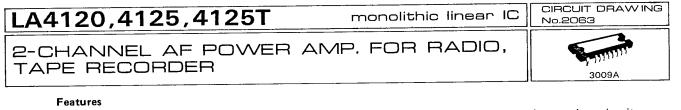
Features

- 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 fo (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 DRAW ING No.2062 |
|----------------------------------|----------------------|-----------------------------|
| AF POWER AMP. FOR RA RECORDER | DIO, TAPE | (S) 3005A |

Features

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



- Dual amplifier can be used both for stereo and bridge amplifier.
- High Output Power.

| | | | 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 |
| | | | | , |

Few peripheral parts: 9 parts min. (stereo/ bridge).

- 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.

| LA4137,4138 | monolithic linear IC | CIRCUIT DRAWING No.2064 |
|------------------------------------|----------------------|----------------------------|
| AF POWER AMPLIFIER FOF RECORDER | R TAPE | 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 preamplifier.