LA5112N

monolithic linear IC

CIRCUIT DRAWING No.2094

POWER SUPPLY CONTROLLER FOR

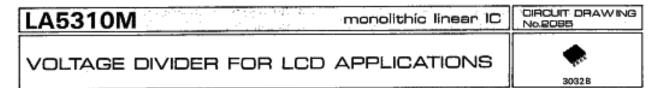


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Features

- Excellent ripple rejection at low input voltage
- Excellent temperature characteristic of output voltage
- On-chip protector



Features

- Power supply for 1/9 bias LCD applications
- Low current dissipation (1.0mA max.)
- 5 OP amps, producing 5 voltage outputs
- Miniflat package

LA5511,5512 monolithic linear IC	CIRCUIT DRAWING No.2096
COMPACT DC MOTOR SPEED CONTROLLER	3027A

Applications

Ideally suited for speed control of compact DC motor for cassette tape recorder, radio cassette, 8mm motion-picture camera, record player, etc.

Features

- Packaged in 4-pin transistor case (equivalent to TO126), thereby enabling easy mounting.
- Variable reference voltage making it possible to meet requirements for various types of motor.
- Excellent stability of each characteristic against ambient temperature.
- Minimum number of external parts required.
- Shunt ratio comes in 2 kinds: k=25 (LA5512) and k=50(LA5511). LA5511 (k=50) is small in loss current (I_M/k) due to shunt current. Since motor speed is controlled by varying reference voltage, loss current (I_S) due to speed control is minimized.
- Contains kickback voltage absorber.

LA5521D,5522 monolithic linear IC	CIRCUIT DRAWING
LOW-VOLTAGE DC MOTOR SPEED CONTROLLER	3001A(LA5521D), 3031A(LA5522)

Use

Speed control of general-purpose low-voltage compact DC motor for microcassette tape recorder, radio cassette, and the equivalent.

Features

- Wide operating voltage range: 1.8 to 8V.
- Capable of making the applicable set compact because of minimum number of external parts required and compact package.
- Easy to adjust speed.
- Built-in stable low reference power meeting the requirements for 2 speeds.
- Vref=0.2V (LA5521D), Vref=0.5V (LA5522).