

7997076 SANYO SEMICONDUCTOR CORP

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T-52-13-25

LA5521M

monolithic linear IC

CIRCUIT DRAWING
No.2098**LOW-VOLTAGE DC MOTOR SPEED
CONTROLLER**

3032B

Uses

- Ideally suited for speed control of general-purpose low-voltage compact DC motor for microcassette tape recorder, etc.

Features

- Wide operating voltage range : 1.8 to 8.0V
- Capable of making applicable sets compact because of minimum number of external parts required and compact package.
- Easy to adjust speed.
- Built-in stable low reference power supply (0.2V) meeting the requirements for 2 speeds.

LA5523

monolithic linear IC

CIRCUIT DRAWING
No.2099**LOW VOLTAGE DC MOTOR SPEED
CONTROLLER**

3042A

Use

- Especially suited for speed control of general-purpose low-voltage small-sized DC motor for radio cassette as well as microcassette tape recorder.

Features

- Wide operating voltage range: 1.8 to 8V.
- Possible to make applicable sets compact because of minimum number of external parts required and small-sized package.
- Easy to adjust speed.
- Built-in stable low reference voltage meeting requirement of 2 speeds.
- $V_{ref}=0.5V$

LA5524,5524M

monolithic linear IC

CIRCUIT DRAWING
No.2101**LOW-VOLTAGE DC MOTOR SPEED
CONTROLLER**

3001A(LA5524), 3032B(LA5524M)

Use: Especially suited for speed control of general-purpose low-voltage compact DC motor for micro-cassette tape recorder, radio cassette, etc. (Built-in stop circuit)

Features

- Wide operating voltage range: 1.8 to 8.0V
- Possible to make applicable sets compact because of minimum number of external parts required and compact package.
- Easy to adjust speed.
- Built-in stable low voltage reference ($V_{ref} = 0.22V$) meeting the requirements for 2 speeds.
- Capable of easily making automatic stop, pause because of built-in stop circuit for both of High/Low Active modes.

LA5527,5528

monolithic linear IC

CIRCUIT DRAWING
No.2100**MOTOR SPEED CONTROLLER**

3048(LA5527) 3001A(LA5528)

Use

- Speed control of DC motor for cassette tape recorder, 8mm motion-picture camera, record player

Features

- Wide operating voltage range (1.8V to 10V)
- Easy to vary speed
- Easy to control rotational speed from very low speed to high speed
- With stop circuit (LA5528)