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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)