

STK6972C

thick film hybrid IC

CIRCUIT DRAWING
No.6049**DC MOTOR DRIVER (2-CHANNELS)**

4054

Use

- DC motor for VTR, CD, etc.

Features

- Linear operation, bidirectional drive control
- Linear output proportional to input voltage
- Brake workable with input open
- Protection against simultaneous application of forward/reverse drive input
- 2-channel version of STK6962

STK6982

thick film hybrid IC

CIRCUIT DRAWING
No.6050**4-PHASE STEPPING MOTOR DRIVER**

4045

Applications

- Paper feed motor driver and carriage motor driver of various types of printer such as serial printer, line printer.
- Pen driver of X-Y plotter.
- Industrial robot.

Features

- Chopper operation capable of providing good rising characteristic of motor current and small heat dissipation due to constant current.
- Chopper frequency, caused by self excitation, is determined by R, L of motor. (Separate excitation also available)
- Unipolar drive makes it possible to drive any stepping motor of hybrid type, PM type, VR type.
- PAUSE pin can be used to control pause action.

STK7561 SERIES

thick film hybrid IC

CIRCUIT DRAWING
No.6054**CHOPPER+CHOPPER PARALLEL
2-OUTPUT VOLTAGE REGULATOR**

4049(STK7561A) 4050(STK7561F,G,J)

Use

- Serial printer, line printer, office automation equipment
- Floppy disk unit, portable VTR

Features

- **STK7561A**
Output 1: $5.0 \pm 0.1V$ (AV2.0A, PK2.4A)
Output 2: $12.0 \pm 0.2V$ (AV2.0A, PK4.0A)
- **STK7561G**
Output 1: $5.0 \pm 0.1V$ (AV3.0A, PK3.6A)
Output 2: $12.0 \pm 0.2A$ (AV5.0A, PK10.0A)
- **STK7561F**
 $5.0 \pm 0.1V$ (AV3.0A, PK3.6A)
 $12.0 \pm 0.2V$ (AV3.0A, PK6.0A)
- **STK7561J**
 $5.0 \pm 0.1V$ (AV3.0A, PK6.0A)
 $12.0 \pm 0.2V$ (AV2.0A, PK4.0A)
- 2 outputs for microcomputer power supply (5V) and motor drive power supply (12V) and capable of delivering 2 regulated outputs from 1 rectifier
- Chopper type permitting high efficiency, and fixed oscillation type oscillator common to 2 outputs causing no beat trouble
- Independent overcurrent protectors for 2 outputs (Fold-back characteristic)
- External signal-used output cutoff function (Output 2)
- High-precision setting of output voltage eliminating the need to use a variable resistor for adjustment
- One input/output GND line making it possible for other negative voltage ($-5V$, $-12V$, etc.) to be used jointly
- Output voltage, output current constituting a series