STK4101V SERIES

thick film hybrid IC

CIRCUIT DRAWING No.6023

2-CHANNEL 6W MIN TO 50W MIN AF POWER AMP (DUAL-SUPPLY)

4040

Function

- All-in-one 2-channel AF power amp.

Features

- AF Output Power
  - STK4101V: 6W min.
  - STK4111V: 10W min.
  - STK4121V: 15W min.
  - STK4131V: 20W min.
  - STK4141V: 25W min.
  - STK4151V: 30W min.
  - STK4161V: 35W min.
  - STK4171V: 40W min.
  - STK4181V: 45W min.
  - STK4191V: 50W min.
- Small package as compared with the STK450 series
- Built-in muting circuit to cut off various kinds of pop noise
- Greatly reduced heat sink due to case temperature 125°C guaranteed
- Distortion 0.08% due to current mirror circuit
- Pin-compatible with the STK4101II series
- Excellent cost performance

STK4301 SERIES

thick film hybrid IC

CIRCUIT DRAWING No.6024

2-CHANNEL 22W MIN TO 28W MIN AF POWER AMP

4040

Features

- AF Output Power
  - STK4301: 22W min.
  - STK4311: 28W min.
- Wide supply voltage range
- Operating voltage range V_{CC} = 8 to 31V: Possible to use battery (13.2V), AC line (31.0V)
- High V_{CCmax} facilitates transformer design (V_{CCmax} = 50V).
- Free from failure caused by load shorted because of built-in heat sink
- The use of muting transistors makes it possible to cut off pop noise at the time of power ON/OFF and function select.
- Usable for 2 ohm load (at V_{CC} = 26.4V or less)

STK4302 SERIES

thick film hybrid IC

CIRCUIT DRAWING No.6025

2-CHANNEL 5W MIN TO 15W MIN AF POWER AMP.

4032

4033

Features

- AF Output Power
  - STK4332: 5Wmin.
  - STK4352: 7Wmin.
  - STK4362: 10Wmin.
  - STK4372: 12Wmin.
  - STK4392: 15Wmin.
- Small and slim package.
- Pin compatible with STK430 series heretofore in use.
- Capable of guaranteeing case temperature 125°C, thereby reducing heat sink.
- Excellent cost performance.
- Package Number: 4032 (STK4332, 4352)
  4033 (STK4362, 4372, 4392)