STK7210 SERIES — thick film hybrid IC

CIRCUIT DRAWING No.6051

2-OUTPUT CHOPPER+SERIES REGULATOR FOR VTR USE

4033

Features

■	STK7216S	STK7217	STK7221
Output 1:	9.0±0.1V (1.0A)	9.0±0.1V (1.5A)	12.0±0.2V (1.5A)
Output 2:	12.0±0.2V (3.5A)	12.0±0.2V (5.0A)	13.6±0.2V (4.0A)

- 2-output/1-package voltage regulator fabricated using Sanyo's original IMST (Insulated Metal Substrate Technology)
- Output 2, being chopper regulator output, provides a high-efficiency output.
- Output 2 contains an overcurrent protector.
- Cutoff function to cut off output voltage 1 by external signal
- Output voltages of 2 outputs are set with high accuracy.

STK7300 SERIES — thick film hybrid IC

CIRCUIT DRAWING No.6052

OFFLINE SWITCHING REGULATOR FOR COLOR TV USE

4060

Features

- Output Power
  - STK7328: 90W max.
  - STK7302: 20W max.
  - STK7304: 40W max.
  - STK7306: 60W max.
  - STK7308: 80W max.
  - STK7309: 80W max.
  - STK7310: 100W max.
- Switching regulator power IC fabricated using Sanyo's original IMST (Insulated Metal Substrate Technology)
- One IC can make up a selectorless voltage regulator applicable to line voltages from 85VAC to 280VAC.
- The 7300 series are pin-compatible.
- The oscillator circuit is of self oscillating type.
- Functional trimming permits the output voltage to be set with high accuracy (±1V).
- No feedback from the secondary side to the primary side provides the following features.
  (1) Simple circuit with a minimum number of parts required, permitting an inexpensive and reliable voltage regulator to be realized.
  (2) Since it is unnecessary to use an insulating element, such as photocoupler, in the feedback channel, it is easy to meet the requirements of safety standards.

STK7400 SERIES — thick film hybrid IC

CIRCUIT DRAWING No.6053

OFFLINE SWITCHING REGULATOR

4056(STK7402) 4057(STK7404,6,8) 4059(STK7410)

Features

- Output Power
  - STK7402: 20W max.
  - STK7404: 40W max.
  - STK7406: 60W max.
  - STK7408: 80W max.
  - STK7410: 100W max.
- Switching regulator power IC fabricated using Sanyo's original IMST (Insulated Metal Substrate Technology)
- Single-package, selectorless regulated power supply applicable to a wide range of line voltages from 85VAC to 264VAC
- Sanyo's original circuit configuration requiring neither driver transformer nor bulky choke coil, providing high efficiency, small size, and light weight
- The STK7400 series are pin-compatible.
- Designed to meet the requirements of safety standards and radio intereference control standards now in force in various countries. For conducted interference through input, it is easy to make low-noise design because the IC metal substrate serves as shielding.
- Easy to constitute multi-output
- Built-in overcurrent protector
- Remote ON/OFF control pin connectable