

## 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. | STK7308: 80W max.  |
|                | STK7302: 20W max. | STK7309: 80W max.  |
|                | STK7304: 40W max. | STK7310: 100W max. |
|                | STK7306: 60W 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. | STK7408: 80W max.  |
|                | STK7404: 40W max. | STK7410: 100W max. |
|                | STK7406: 60W 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 interference 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