

## 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

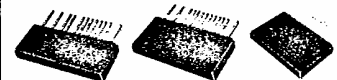
- Output Power                      STK7328: 90W max.              STK7308: 80W max.  
   STK7302: 20W max.              STK7309: 80W max.  
   STK7304: 40W max.              STK7310: 100W max.  
   STK7306: 60W max.
- Switching regulator power IC fabricated using Sanyo's original IMST (Insulated Metal 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