

STK3375A,Bthick film hybrid IC
(monolithic-hybrid)CIRCUIT DRAWING
No.6018PILOT CANCELER-PROVIDED PLL MPX
DEMODULATOR

4024A

Features

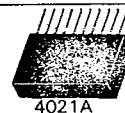
- Thick film hybrid IC with monolithic linear IC LA3375 chip contained.
- New product based on SC (Substrate Carrier) System which has been enhanced a step further from IMST (Insulated Metal Substrate Technology) of our own originality.
- Pilot cancel (Level follow-up type).
- Stereo noise control (SNC function).
- High cut control (HCC function)
- Stereo/monaural automatic select (Depending on pilot signal).
- VCO oscillation stop.
- Low distortion (0.05% typ. 300mV input mono).
- Good space factor due to plastic molded SEP (16 pins).
- Low output impedance (120 ohm typ.).
- De-emphasis with R_L, C_L : STK 3375A (50 μ s typ.), STK 3375B (75 μ s typ.).

STK4017 SERIES

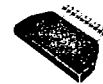
thick film hybrid IC

CIRCUIT DRAWING
No.6017

6.5 TO 25W MIN AF POWER AMP.



4021A



4070

Use

- AF Output Power STK4017: 6.5Wmin. STK4019: 10Wmin. STK4021: 15Wmin.
STK4023: 20Wmin. STK4025: 25Wmin.

Features

- Pin assignment common to all Type Nos.
- No special muting circuit required because of small pop noise at the time of power supply ON/OFF.
- Since V_{CC} max is greatly improved, cost reduction can be attained by allowing a margin in transformer regulation.
- Capable of connecting tone control circuit.
- Package Number: 4021A (STK4017, 4019, 4021)
4070 (STK4023, 4025)

STK4018II SERIES

thick film hybrid IC

CIRCUIT DRAWING
No.60196W MIN TO 70W MIN AF POWER AMP
(DUAL-SUPPLY)

4033

Function

- All-in-one 1-channel AF power amp

Features

- AF Output Power STK4018II: 6W min.
STK4020II: 10W min.
STK4022II: 15W min.
STK4024II: 20W min.
STK4026II: 25W min.
STK4028II: 30W min.
STK4030II: 35W min.
STK4032II: 40W min.
STK4034II: 45W min.
STK4036II: 50W min.
STK4040II: 70W min.
- Small-sized package permitting audio sets to be made slimmer
- The STK4018II series are pin-compatible.
- Facilitates thermal design of slim stereo sets.
- The use of a constant-current circuit minimizes pop noise at the time of power ON/OFF.
- Possible to design electronic supplementary circuits (pop noise muting at the time of power ON/OFF, load short protector, thermal shut-down)