

## STK4018X SERIES

thick film hybrid IC

CIRCUIT DRAWING  
No.6020

25W MIN TO 70W MIN AF POWER AMP  
(DUAL-SUPPLY)



4062

### Function

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

### Features

- AF Output Power
 

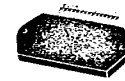
STK4026X: 25W min.	■ The STK4018X series are pin-compatible.
STK4028X: 30W min.	■ Facilitates thermal design of slim stereo sets.
STK4030X: 35W min.	■ The use of a current mirror circuit, cascode circuit provides low distortion (0.008%/100kHz, LPF ON).
STK4032X: 40W min.	■ Possible to design electronic supplementary circuits (pop noise muting at the time of power ON/OFF, load short protector, thermal shut-down)
STK4034X: 45W min.	
STK4036X: 50W min.	
STK4038X: 60W min.	
STK4040X: 70W min.	
- Small-sized package permitting audio sets to be made slimmer

## STK4018XI SERIES

thick film hybrid IC

CIRCUIT DRAWING  
No.6021

50W MIN TO 80W MIN AF POWER AMP  
(DUAL-SUPPLY)



4075

### Features

- AF Output Power
 

STK4036XI: 50W min.
STK4038XI: 60W min.
STK4040XI: 70W min.
STK4042XI: 80W min.
- Small-sized package permitting audio sets to be made slimmer
- The STK4018XI series are pin-compatible.
- Facilitates thermal design of slim stereo sets.
- The use of a current mirror circuit, cascode circuit, pure complementary circuit provides low distortion (0.008%/100kHz, LPF ON).
- Possible to design electronic supplementary circuits (pop noise muting at the time of power ON/OFF, load short protector, thermal shutdown)

## STK4101II SERIES

thick film hybrid IC

CIRCUIT DRAWING  
No.6022

2-CHANNEL AF POWER AMP.



4040



4042

### Applications

- |                                    |                                    |
|------------------------------------|------------------------------------|
| ■ STK4101II: 6W min AF power amp.  | ■ STK4151II: 30W min AF power amp. |
| ■ STK4111II: 10W min AF power amp. | ■ STK4161II: 35W min AF power amp. |
| ■ STK4121II: 15W min AF power amp. | ■ STK4171II: 40W min AF power amp. |
| ■ STK4131II: 20W min AF power amp. | ■ STK4181II: 45W min AF power amp. |
| ■ STK4141II: 25W min AF power amp. | ■ STK4191II: 50W min AF power amp. |

### Features

- Smaller 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.
- Excellent cost performance.

- Package Number:
 

4040	4042
STK4101II	STK4151II
STK4111II	STK4161II
STK4121II	STK4171II
STK4131II	STK4181II
STK4141II	STK4191II