

7997076 SANYO SEMICONDUCTOR CORP

76C 01856

D T-74-05-01

LA4190,4192

monolithic linear IC

CIRCUIT DRAWING
No.2074**2-CHANNEL AF POWER AMP. FOR TAPE
RECORDER, RADIO**

3022A

Features

- Built-in 2 channels enabling use in stereo and bridge amplifier applications.
- High output.
LA4190: 1W typ./channel, $V_{CC}=6V$, $R_L=4\Omega$, and 2.8W typ./bridge amplifier, $V_{CC}=6V$, $R_L=4\Omega$.
LA4192: 2.3W typ./channel, $V_{CC}=9V$, $R_L=4\Omega$, and 4.7W typ./bridge amplifier, $V_{CC}=9V$, $R_L=8\Omega$.
- Variable voltage gain available with external

feedback resistor.

Stereo: $R_{NF}=27\Omega$, $V_G=50dB$.Bridge: $R_{NF}=51\Omega$, $V_G=51dB$.

- Low switching distortion at high frequencies.
- Small pop noise at the time of power supply ON/OFF due to built-in muting circuit.
- Good ripple rejection due to built-in ripple filter.
- Good channel separation.

LA4260,4261

monolithic linear IC

CIRCUIT DRAWING
No.2077**2.5 TO 3.5W 2-CHANNEL AF POWER AMP**

3018A

Features

- Minimum number of external parts required (No input capacitor, bootstrap capacitor required)
- High output: 2.5W typ. x 2 (LA4260), 3.5W typ. x 2 (LA4261)

- Soft clip, causing little harmonic disturbance to radios.
- Small pop noise at the time of power switch ON/OFF.
- Built-in protector against abnormal modes (Thermal shutdown, overvoltage)

LA4265

monolithic linear IC

CIRCUIT DRAWING
No.2075**TV SOUND OUTPUT AMPLIFIER**

3018A

Features

- Minimum number of external parts required (5 pcs.)

- Built-in protector (Thermal shutdown, over-voltage)

LA4270

monolithic linear IC

CIRCUIT DRAWING
No.2076**6.5W DUAL-CHANNEL AF POWER AMP**

3024A

Features

- High-output dual power IC ($P_O=6.5W \times 2$, $V_{CC}=25V$, $R_L=8\Omega$, $f=1kHz$, $THD=1\%$).
- Low distortion ($THD=0.03\%$, $V_{CC}=25V$, $R_L=8\Omega$, $f=1kHz$, $P_O=2W$).
- Minimum number of external parts required (no bootstrap capacitor required).
- Low pop noise at the time of power switch ON/OFF.
- Good ripple rejection (55dB).
- Wide supply voltage range (10V to 32V).
- On-chip protector against abnormality (thermal shutdown, overvoltage).