

**LA4190,4192**

monolithic linear IC

CIRCUIT DRAWING  
No.20742-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,  $V_{CC}=6V$ ,  $R_L=4\text{ohm}$ , and 2.8W typ./bridge amplifier,  $V_{CC}=6V$ ,  $R_L=4\text{ohm}$ .  
LA4192: 2.3W typ./channel,  $V_{CC}=9V$ ,  $R_L=4\text{ohm}$ , and 4.7W typ./bridge amplifier,  $V_{CC}=9V$ ,  $R_L=8\text{ohm}$ .
- Variable voltage gain available with external feedback resistor.  
Stereo:  $R_{NF}=27\text{ohm}$ ,  $V_G=50\text{dB}$ .  
Bridge:  $R_{NF}=51\text{ohm}$ ,  $V_G=51\text{dB}$ .
- 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, overvoltage)

**LA4270**

monolithic linear IC

CIRCUIT DRAWING  
No.2076

6.5W DUAL-CHANNEL AF POWER AMP



3024A

**Features**

- High-output dual power IC ( $P_O=6.5W \times 2$ ,  $V_{CC}=25V$ ,  $R_L=8\Omega$ ,  $f=1\text{kHz}$ ,  $\text{THD}=1\%$ ).
- Low distortion ( $\text{THD}=0.03\%$ ,  $V_{CC}=25V$ ,  $R_L=8\Omega$ ,  $f=1\text{kHz}$ ,  $P_O=2W$ ).
- 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).