

**LA4160**

monolithic linear IC

CIRCUIT DRAWING  
No.2068SINGLE-CHIP AF AMP. SYSTEM FOR TAPE  
RECORDER

3005A

**Features**

- A single package containing preamplifier, ALC circuit, power amplifier.
- Preamplifier with high gain, and power amplifier with high gain and output.  
1W typ. ( $V_{CC}=6V$ ,  $R_L=4\text{ohm}$ ).  
2.2W typ. ( $V_{CC}=9V$ ,  $R_L=4\text{ohm}$ ).
- Minimum number of external parts required.
- Soft tone at the time of output saturation.
- Wide range of ALC and small variation in output voltage.
- Wide range of operating supply voltage.
- Small pop noise at the time of supply voltage ON/OFF (With built-in rejecter).
- Variable monitor capability due to recording amplifier consisting of preamplifier alone.

**LA4162**

monolithic linear IC

CIRCUIT DRAWING  
No.2069SINGLE-CHIP TAPE RECORDER AUDIO  
SYSTEM

3006A

**Features**

- A single package containing preamplifier, ALC circuit, power amplifier
- Preamplifier with high gain, and power amplifier with high gain and output
- Minimum number of external parts required
- Soft tone quality at the time of output saturation
- Wide range of ALC and small variation in output voltage
- Small pop noise at the time of supply voltage ON/OFF (With built-in prevention circuit)
- Variable monitor capability due to recording amplifier consisting of preamplifier alone

**LA4170**

monolithic linear IC

CIRCUIT DRAWING  
No.2070

2-CHANNEL AMPLIFIER FOR HEADPHONE



3005A

**Features**

- Wide operating supply voltage: 8 to 12V.
- Small pop noise due to emitter feedback.
- Fewer external parts, 2 channel amps contained.
- Small output noise voltage.

**LA4175**

monolithic linear IC

CIRCUIT DRAWING  
No.2071

2-CHANNEL HEADPHONE AMPLIFIER



3005A

**Use**

Suitable for amplifiers as line output, output of recording amp. and meter amp. or a driver of headphone amplifier.

**Features**

- Wide operating supply voltage range.
- Built-in 2 channels.
- Small pop noise.