



## PRELIMINARY

## AUDIO POWER AMPLIFIER

### DESCRIPTION

The AA8360 is a power amplifier designed for use in low voltage consumer applications such as portable cassette tape recorder and radio. The gain is internally set to 40dB to keep external part count low.

### FEATURES

- Minimum external parts (only three capacitors).
- Output power:  $P_{OUT}=450mW$  (typ.) ( $V_{CC}=6V$ ,  $R_L=8\Omega$ ,  $THD=10\%$ )
- Voltage gain:  $G_v=40dB$  (typ.)
- Wide supply voltage range: 3V–10V.

### APPLICATIONS

- AM-FM radio amplifiers
- Portable tape player amplifiers

### BLOCK DIAGRAM

