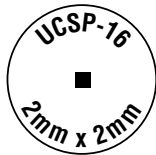


REVOLUTIONARY DirectDrive HEADPHONE AMP ELIMINATES BULKY DC-BLOCKING CAPACITORS

The MAX4410 uses a unique patented architecture to produce a ground-referenced output from a single supply. This architecture eliminates the need for DC-blocking capacitors, saving cost, board space, and component height.

SMALLEST SIZE SOLUTION

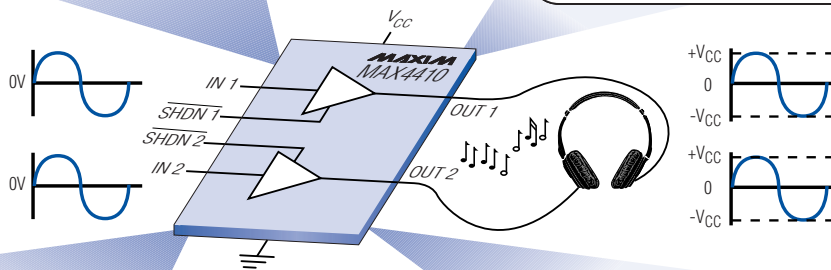
COMPLETE AMP FOOTPRINT IS **8x SMALLER** THAN CURRENT SOLUTIONS AND IS ONLY 1mm HIGH (INCLUDES AMP PLUS ALL EXTERNAL COMPONENTS).



DirectDrive™ OUTPUTS

PATENTED CIRCUITRY PRODUCES A **GROUND-REFERENCED OUTPUT** FROM A SINGLE POSITIVE SUPPLY. NO NEED FOR COSTLY BLOCKING CAPACITORS OR DC BIAS VOLTAGES ON THE HEADPHONE JACK SLEEVE.

SINGLE SUPPLY
1.8V TO 3.6V



INDEPENDENT L/R SHDN

OPTIMIZES POWER SAVINGS FOR MIXED-MODE, MONO/STEREO OPERATION.

EV KIT
AVAILABLE

EXTENDED LOW-FREQUENCY RESPONSE

NO TRADE-OFFS OF LOW-FREQUENCY RESPONSE AND OUTPUT CAPACITOR SIZE.

- ◆ 80mW/Channel into 16Ω
- ◆ 0.005% THD + N
- ◆ 90dB PSRR—Great Quality Audio from Noisy Supplies
- ◆ 0.5mV V_{OS} Minimizes DC Load Current

- ◆ ±8kV ESD Protection on Outputs
- ◆ No Output Transients Means Fast, Clickless Operation
- ◆ UCSP™ (2mm x 2mm) and 14-Pin TSSOP Packages
- ◆ SmartSense™ automatic mono/stereo detection*

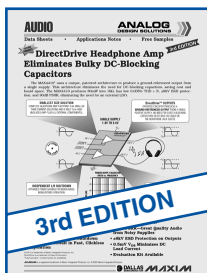
UCSP is a trademark of Maxim Integrated Products, Inc.
*Future product—contact factory for availability.

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