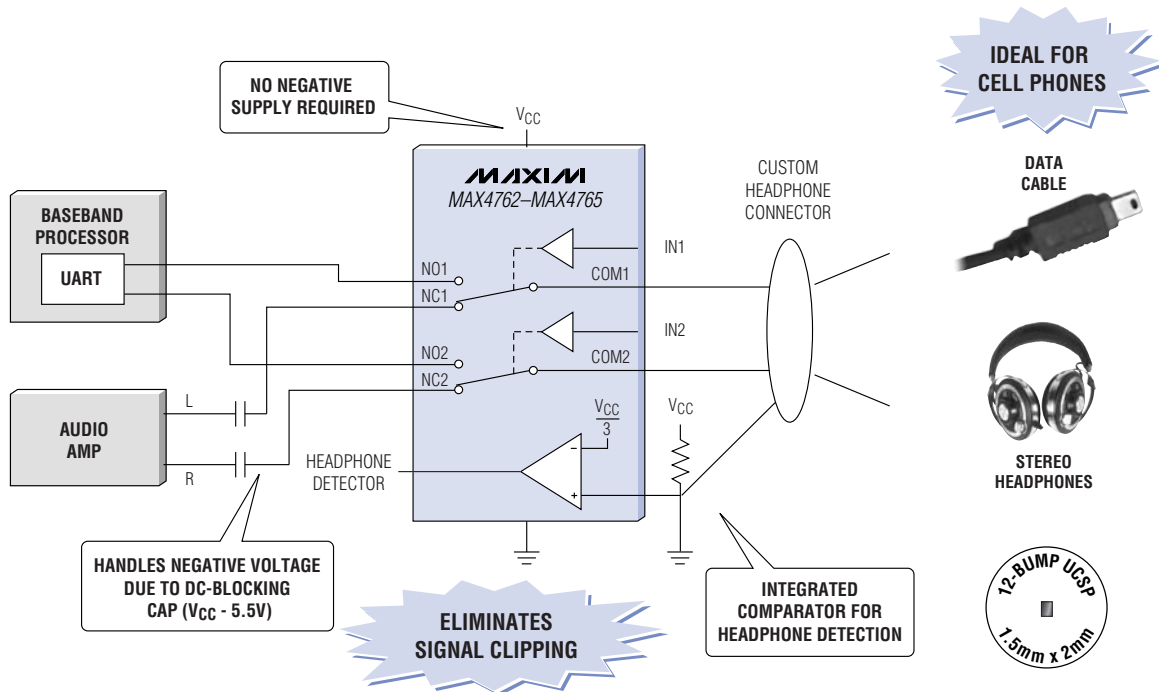


# INDUSTRY'S FIRST SINGLE-SUPPLY ANALOG SWITCHES WITH NEGATIVE SIGNAL HANDLING

0.6Ω Switches Have Integrated Comparator in a Tiny Chip-Scale Package



## Excellent Linearity and Low Distortion

- ◆ 0.6Ω On-Resistance
- ◆ 0.25Ω  $R_{ON}$  Flatness
- ◆ 0.01% THD
- ◆ Clickless Switching

## Reduce Component Count

- ◆ Needs No Negative Supply
- ◆ Integrated Comparator for Headphone Detection
- ◆ Space-Saving Footprint
- ◆ 12-Bump UCSP™ (1.5mm x 2mm)

Part	Function	$R_{ON}$ (Ω)	$R_{ON}$ Flatness (Ω)	Comparator	Shunt Switch	Supply Voltage (V)	Pin-Package
MAX4762	Dual SPDT	0.6	0.25	No	No	+1.8 to +5.5	10-μMAX/TDFN/12-UCSP
MAX4763	Dual SPDT	0.6	0.25	Yes	No	+1.8 to +5.5	12-UCSP/QFN
MAX4764	Dual SPDT	0.6	0.25	No	Yes	+1.8 to +5.5	10-μMAX/TDFN/12-UCSP
MAX4765	Dual SPDT	0.6	0.25	Yes	Yes	+1.8 to +5.5	12-UCSP/QFN

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