

BUZZERS, BEEPERS, AUDIO ALARMS

PIEZO AUDIO ALERTS

High pitched piezo alarm signals with built-in oscillator circuitry. Low power consumption. Used in alarms, smoke-detectors, electronic games, cameras and telephones.

12 VDC AUDIO ALERT

Medium-loud, high-pitched audio alert signal. Operates on 12Vdc (6-14Vdc). Plastic assembly, 0.84" dia. x 0.51" h. PC pins on 0.6" centers.

CAT# SBZ-201 \$1.25 ea. • 100 for 80¢ ea.



3-28 VDC PIEZO BEEPER

Operates on 3-28 Vdc. Continuous tone. 103 db sound pressure. 1.14" dia. x 0.93" ABS plastic housing. Can be bulkhead mounted with tabs on 1.31" mounting centers, or can be mounted through a panel hole of 0.7" diameter via threaded bushing and panel nut. 5" wire leads. Black housing

CAT# SBZ-100 \$3.75 each



12VDC PIEZO BEEPER

High-pitched piezo beeper. 12Vdc (3-20Vdc) operation. Freq: 85 Hz. 10 dBA / 10 cm. 23mm dia. x 10mm. PC pins on 15mm centers.

CAT# SBZ-26 \$1.50 each



12 VDC PIEZO BEEPER

Murata # PKB5-3A0. High-pitched tone. 2.8 KHz. 95 dB @ 10 cm. Operates on 12Vdc, 12 mA (3-20Vdc). 42mm dia. x 15mm black plastic case. Mounting flanges with holes on 50mm centers. 100mm leads, stripped and tinned ends.

CAT# SBZ-205 \$1.50 each



1-12 VDC PIEZO BEEPER

Medium-loud, 4KHz continuous tone. 85dB / 5Vdc / 10cm. Operates on 1-12Vdc. Max current 20mA @12Vdc. 15.5mm dia. x 14mm high plastic case. PC leads on 7.62mm centers. **CAT# SBZ-40** \$1.50 each 10 for \$1.40 each • 100 for \$1.20 each



3-18 VDC PIEZO BUZZER

FY14-G. 3-18Vdc mini-piezo beeper. Emits a medium-loud, high-pitched tone when energized. 80 dB. 12Vdc, 7mA, 4KHz. 13.8mm dia. x 7.5mm high. PC pins on 7.5mm centers.

CAT# SBZ-204 \$1.45 each 10 for \$1.35 each • 100 for \$1.15 each



6 VDC PIEZO BUZZER

Star # HMB-06. 85-90dB @ 2.2kHz piezo buzzer. Rated 6Vdc, 30mA. 16mm dia. x 14mm high (excluding leads). Leads on 8mm centers.

CAT# SBZ-06 \$1.55 each



24 VAC ELECTROMAGNETIC BUZZER

Potter & Brumfield # BU-24
Noisy 24Vac electromagnetic buzzer. 1" dia. x 1" high. 24V 50/60Hz 4.6VA.

CAT# BZ-24AC
\$1.50 each

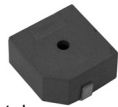


PC MOUNT BEEPERS

3 VDC BEEPER, SURFACE MOUNT

PUI Audio # SMI-1324-TW-3V-R.
3 Vdc electro-mechanical beeper. Operates 2-5Vdc, 30mA. 75dBA @ 10CM. 2,400 Hz continuous tone. 0.5" x 0.5" x 0.25". Flat, surface-mount tabs on 0.5" centers. Tabs can be straightened and soldered if desired.

CAT# SBZ-1324 \$1.20 each



TDK # SDC161425-01. 5 Vdc (operates on 4-8Vdc) electromagnetic beeper. 16mm diameter x 14mm high. 1900Hz. 85dBA/10cm min. Average current, 30mA. PC pin terminals on 5mm centers.

CAT# SBZ-582 \$1.45 each



1 1/2-3 VOLT METAL BUZZER

2" diameter metal buzzer. Loud, annoying speech, especially at 3Vdc.

CAT# BZ-15
\$1.25 each



12V VEHICLE TRUMPET HORN

Roots Windtone W75, High Note Horn. New 12V (16V) trumpet horn with mounting brackets. 87 x 80 x 74mm.

CAT# BZ-75 \$8.50 each



9 VDC BUZZER

Mechanical, medium-loud buzzer. Ideal for school projects. 16.9mm x 23mm (33.38mm base mounting tabs, 1.1" centers) x 15.39mm body. 9 Vdc, can operate @ 3 Vdc. 4.5" long leads.

CAT# BZ-90 \$1.25 each
20 for \$1.15 each



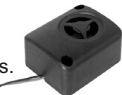
PIEZO SIRENS

XL MINI PIEZO SIREN

Small, painfully-loud two-tone piezo siren for auto or home security devices.

Operates 6-12 vdc, 110 ma. 108dB output (30cm). 1.81" x 1.55" x 0.88" high black plastic body. Two mounting holes on diagonal 1.80" centers. 3" wire leads.

CAT# ES-10 \$4.50 each • 10 for \$4.00 each



PC MOUNT SIREN

Extremely loud and annoying warble-tone siren. Shrill, high-pitched tone encourages intruders to leave when it's activated. Operates on 12Vdc (6-14 Vdc). 108 dBA / 10 cm. 2.0-3.5 KHz frequency. 33mm dia. x 33mm high black ABS cylinder, tapered at top and bottom. PC pins on 20mm centers.

CAT# ES-20 \$4.20 each



21MM PIEZO ELEMENT

50mm wire leads.

CAT# PE-56 \$1.00 each
10 for 85¢ each



ENCASED PIEZO ELEMENTS

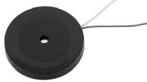
Plastic encased piezo elements are more resonant and louder than non encased piezo elements. They require external signal to produce sound.

0.89" DIAMETER X 0.13"

Matsushita #WM-71A111M

1" wire leads. **CAT# PE-54**

75¢ each • 100 for 50¢ each



22MM DIA. X 8MM PLASTIC CASE

Murata #PKM22EPP-40.

PC pins on 10mm centers.

4KHz resonant frequency. Piezo element inside case is 20mm diameter.

CAT# PE-57 75¢ each



0.86" DIA. X 0.1"

Plastic housing with a ring of self-adhesive neoprene padding on the front face. 1.25" long leads. 0.79" dia. piezo element can be removed from case.

CAT# PE-49 75¢ each

10 for 65¢ each • 100 for 50¢ each



MINI TONE TRANSDUCERS

Used in paging, warning signals, metal detectors and alarm clocks. Miniature magnetic transducers require external signal source to produce sound.

RDI # DMT-1206. 48 Ohm audio tone transducer. 0.47" diameter x 0.34" high. PC pins on 0.25" centers. **CAT# PE-52**
2 for \$1.00 • 100 for 40¢ each



16 Ohm mini-tone transducer
Intervox #BRT1209L-03

12mm diameter x 8.5mm high.
3.6Vdc (1.5 - 5Vdc), 70mA max current.
90 db @ 10 cm. 2048Hz. Two 3.5" leads.

CAT# PE-58 2 for \$1.00

100 for 40¢ each • 1000 for 25¢ each



AVX/Kyocera # PCRT21BGX

Black plastic front, vented metal back.

Solder loop terminals. 0.82" dia. x 0.15"

CAT # PE-38 3 for \$1.00

100 for \$25.00 • 1000 for \$125.00



MULTIMEDIA / VOIP HEADSET

Stereo headphones with boom microphone.

Ideal for internet Voip telephony and other computer AV applications. Dual

3.5mm stereo phone plugs. Volume control.

CAT# HP-103 \$7.50 ea.



HEADPHONES

LIGHTWEIGHT STEREO HEADPHONES

Lightweight stereo headphones for audio and computer applications. Adjustable headband. 3.5mm phone plug with 4' shielded cord.

CAT# HP-100 \$3.35 ea. • 100 for \$2.50 ea.



FOLDING STEREO HEADPHONES

Maxview # H85010. Padded over-ear headphones for added listening isolation. Double-jointed ear cup brackets allow headphones to fold into 5" x 5" package.

Includes draw-string pouch and 1/4" to 3.5mm stereo phone plug adapter.

CAT# HP-851 \$8.95 each



MONAURAL EARPIECE W/ 20' CORD

Recoton® #EP3. Old-style, mono in-ear earphone for private radio or TV listening. 3.5mm mini-plug.

CAT# EP-15 \$2.00 each



JAMMERZ - DIGITAL STEREO EARBUDS,

COBY JAMMERZ CVE52 CD, MP3, iPod In-ear isolation design blocks background noise while providing crisp sound. Durable, comfortable earbuds. 9mm drivers deliver sweet sound with powerful bass response.

Impedance: 16 ohms. Frequency range: 20-20,000 Hz. Sensitivity: 102 dB / mW. Rated / Max Input Power: 5mW / 10mW. Weight 14.8 g. 3.5mm gold plated plug.

CAT# HP-52 \$6.95 each



ELECTRIC MICROPHONE

The electret microphones listed below require a low current voltage of 1.5 - 10 Vdc to operate. They will not function in applications that are not specifically wired for electret microphones.

ELECTRET MIC ELEMENTS

Hosiden # KUB2823. Tiny, omnidirectional microphone. 6mm dia. x 2.7mm height. 2.2K Ohm impedance. Operates on 2.2 Vdc, 0.5 mA. Sensitivity, -45 dB. PC pins on 0.05" centers.

CAT# MIKE-79 2 for \$1.00

10 for 40¢ each • 100 for 30¢ each



ELECTRET MICROPHONE

10mm diameter x 7mm. Two 10mm leads on 2.5mm centers.

CAT# MIC-60 2 for \$1.00 • 10 for 40¢ each



ELECTRET MICROPHONE

1.70" x 0.92" x 0.50" rounded rectangular ABS case. 2-conductor cable (1-conductor with shield).

9' cable **CAT# MIKE-95** \$1.00 each



ELECTRET MICROPHONE

13.5mm dia. x 28mm long.

9' cord w/ 3.5mm mono mini-phone plug.

CAT# MIKE-93

\$1.50 each

