BUZZERS, BEEPERS, AUDIO ALARMS

SIRENS

EXTRA-LOUD 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# PE-10 $5.85 ea. • 10 for $5.65 ea.

12 VDC ALARM SIREN
Extremely loud 12 VDC car alarm siren. Distinctive siren pattern cycles through 6 different sounds every 30 seconds. Overall dimensions: 3.20" x 2.85 x 3.75" high including mounting bracket. Two 66" wire leads. 2.55" mounting centers on adjustable metal base.
CAT# ES-10 $4.00 ea. $3.00 each 10 for $2.50 each

2-TONE 12VDC SIREN, WAVE
Honeywell / Ademco WAVE2 Loud (106db) dual tone siren for home or commercial alarm installations. Warble or steady tone. 4.32" x 3.28" x 2" white ABS case fits single gang electrical box or wall plate. Terminal strip eliminates splicing and soldering. Corner or ceiling mount. 12 Vdc 500Ma. UL.
CAT# ES-16 $4.25 each

PIEZO AUDIO ALERTS

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

3-28 VDC PIEZO BEEPER
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 $5.95 each 10 for $5.75 each

3-18 VDC PIEZO BUZZER
FY14-G. Emits a medium-loud, high-pitched tone when energized. 80 dB. 12Vdc, 7mA, 4KHz. 13.8mm dia. x 7.5mm high. PC pins.
CAT# SBZ-204 $1.45 each 10 for $1.35 each • 100 for $1.15 each

ELECTRO-MAGNETIC BEEPERS

1.5 - 3 VDC BEEPER
Tiny 9mm diameter, pc mount beeper. 5mm high. PC leads on 5mm center.
CAT# PE-71 90¢ each 10 for 80¢ each • 100 for 70¢ each

8-15 VDC BEEPER, PC MOUNT
MG Electronics # SBT-1212S 8-15Vdc mini beeper. Emits high-pitched continuous tone when energized. Max current 30mA @ 12Vdc. 85dB @ 100Hz. 12mm diameter x 9.5mm. 6mm high PC pins with 7mm spacing.
CAT# SBZ-420 $0.95 ea. 100 for 50¢ each

4-7 VDC BEEPER
Chinasound # CEB12A-05BP 5Vdc, 30mA, 2.3KHz, 85dB electro-magnetic buzzer. 12mm dia. x 10mm high. Wire/PC leads, bent 90°. 4 - 7 Vdc operating range.
CAT# SBZ-493 85¢ ea. 10 for 70¢ each • 100 for 65¢ each

PIEZO ELEMENTS

12MM DIAMETER
1” leads. CAT# PE-60 $1.00 each • 10 for 90¢ each

14MM PIEZO WAFER
Part# 64PE140660. 14mm diameter. Frequency: 6600 ± 500. No leads.
CAT# PE-62 2 for $1.00 • 10 for 45¢ ea.

35MM PIEZO ELEMENT
2” pigtail leads. Note: the wire is quite small gauge AWG 26-28, and has a tendency to break at the solder joint. It is fairly easy to solder a new, larger piece of wire to the spot.
CAT# PE-63 3 for 99¢ 100 for 20¢ each • 1000 for 15¢ 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.

16.5MM DIA. X 4MM
East Electronics# TFM-23. 80dB 4KHz. 4" pigtail leads.
CAT# PE-59 75¢ each

22MM DIA. X 8MM PLASTIC CASE
Murata # PKM22EPP-40. PC pins on 10mm centers. 4KHz.
CAT# PE-57 3 for $1.00 100 for 25¢ each • 1000 for 20¢ each

Clearance