BUZZERS, BEEPERS, AUDIO ALARMS

SIRENS

EXTRA-LOUD MINI PIEZO SIREN
Small, painfully-loud two-tone piezo siren for auto or home security devices. Operates on 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# SBZ-100 $6.50 each 10 for $6.25 each

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-25 $3.00 each 10 for $2.50 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.

PASSIVE BUZZER MODULE
3-pin piezo beeper module produces high-pitched tone when energized. Requires an external signal to operate. Ideal for use with Arduino, RaspberryPi, Adafruit type microcontrollers. Board is 15 x 20mm. 11mm thickness. CAT # SBZ-14 $1.35 each

ACTIVE BUZZER MODULE
3-pin piezo beeper module produces high-pitched tone when energized. Operates on low voltage, 3.5 - 5.5 Vdc. Built-in oscillator circuit produced sound. Ideal for use with Arduino, RaspberryPi, Adafruit type microcontrollers. Board is 15 x 20mm. 11mm thickness. CAT # SBZ-15 $1.50 each

3-24 VDC BEEPER
Continuous tone piezo beeper. High-pitched, medium-loud sound. Operates on 3-24 Vdc. 23mm dia. x 11mm (0.90" x 0.42"). Mounting ears with holds on 30mm (1.18") centers. 108mm (4.25") color-coded leads. CAT # SBZ-324 $2.00 each

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# PE-66 $2.65 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 3 for 99¢ • 100 for 20¢ each

27MM PIEZO ELEMENT W/ WIRE LEADS
27mm (1.06") diameter piezo element with 3.5" leads. CAT# PE-64 2 for $1.00 100 for 40¢ each

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

0.89” DIAMETER X 0.13”
Matsushita #WM-71A111M 1” wire leads. CAT# PE-54 75¢ ea. 3 for 99¢

0.86” DIA. X 0.1”
Plastic housing with a ring of self-adhesive neoprene padding on the front face. 1.25” long leads. CAT# PE-49 50¢ each • 10 for 35¢ 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” dia. x 0.34” high. PC pins on 0.25” centers. CAT# PE-52 3 for 99¢
100 for $15.00 • 1000 for $125.00

DBX-01PN. 0.47” dia. x 0.36” high. 16Ω impedance. Requires external signal to produce a tone. PC pins on 0.25” spacers. 80 dB @ 10 cm. 2040 Hz. Operating voltage: 1.5V. Current rating: 30 mA. CAT# PE-61 3 for 99¢
100 for 15¢ each • 1000 for 12.5¢ each

Intervox #BRT1209L-03. 16 Ohm. 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 3 for 99¢
100 for 25¢ each • 1000 for 20¢ each

6-18 VDC MINI-TONE TRANSUDER
MG Electronics# SBT-1612. Max current 40mA @ 12Vdc. 85db/10cm. 2048Hz. 115Ω ± 120 coil resistance. 200Ω coil impedance. 16mm diameter x 14mm. 7.5mm high PC pins with 6mm spacing. CAT# PE-419 3 for 99¢

RUBBER BUMPERS / FEET

CLEAR BUMPERS / FEET
Self-adhesive polyurethane bumpers apply quickly and easily wherever protection is needed against scratches, slippage or noise.

0.8” diameter x 0.4” high clear feet with 0.35” dia. recessed center. Sold in sheets of twenty-four pieces. CAT# RF-32
1 sheet (24 pcs) for $4.50 per sheet
12 sheets (288 pcs) for $3.80 per sheet

Solid cylindrical clear bumper, 0.4” dia. x 0.25” high. Sold in sheets of fifty pieces. CAT# RF-33
1 sheet (50 pcs) $3.50 per sheet
10 sheets (500 pcs) $2.65 per sheet

1/2” BLACK RUBBER FEET, 4 PIECES
Shank presses or glues into 3/8” diameter hole. CAT# RF-54 4 for 50¢

RUBBER FOOT, 0.80” DIA. X 0.72”
Black, hard rubber foot, 0.80” dia. x 0.72” high. 0.20” diameter hole for screw. Countersunk 0.38” diameter hole reinforced with metal washer. CAT# RF-67 4 for $1.80

RUBBER FOOT, 1.1” DIA. X 0.62”
Black, hard rubber foot, 1.1” diameter at top, tapers to 0.75” at base, 0.62” high. 0.15” diameter hole for screw, Countersunk 0.42” diameter reinforced with metal washer. CAT# RF-65 4 for $1.80

1.46” DIA. RUBBER FEET
Hard rubber equipment foot. Countersunk, metal reinforced hole for #8 screw. Black. 1.46” diameter x 0.59” high CAT# RF-615 4 for $2.00 • 100 for $40.00
1.46” diameter x 0.41” high CAT# RF-605 4 for $1.80 • 100 for $35.00

RUBBER FOOT, 1.5” DIA. X 0.6”
Black, hard rubber foot, 1.5” diameter x 0.6”. 0.18” hole for screw. Countersunk 0.5” hole to accommodate washer (no washer included). CAT# RF-66 4 for $2.00