

BUZZERS

MINIATURE PCB PIEZO

These Piezo element buzzers have a built in driver circuit tuned for maximum output. They accept a wide range of DC voltages and draw very little current.



Part Number
KPE242

3 – 16V
70dB @ 1m
4100Hz
7mA @ 12VDC
13.7 x 7.6H
PCB mount 7.6mm



Part Number
CPM121A0A

3 – 15V
83dB @ 1m
4100Hz
10mA @ 12VDC
13.8 x 7.5H
PCB mount 7.6mm



Part Number
MEB-12B-12

8 – 16V
85dB @ 1m
3200Hz
15mA @ 12VDC
12 x 7.5H
PCB mount 7.6mm



Part Number
KPE202

3 – 20V
80dB @ 1m
3500Hz
10mA @ 12VDC
22 x 12.5H
PCB mount 15mm

1.5 – 28V
85dB @ 1m
5200Hz
10mA @ 12VDC
23 x 10H

PCB mount



Part Number
S6108

1.5 – 24V
90dB @ 1m
5200Hz
10mA @ 12VDC
Continuous
22 x 12H 80mm Lead
30mm Mounting Holes



Part Number
S6109

3 – 20V
85dB @ 1m
2800Hz
12mA @ 12VDC
Continuous
41.8 x 16H 80mm Lead
50mm Mounting Holes



Part Number
KPE350

1.5 – 24V
85dB @ 1m
3900Hz
8mA @ 12VDC
17 x 8mmH
PCB mount 10mm



Part Number
SMA17P10

1.5 – 24V
92dB @ 1m
3000Hz
10mA @ 12VDC
24 x 15mmH
PCB mount 10mm



Part Number
SMA24AP010

PANEL MOUNT PIEZO

6 – 28V
90dB @ 2m
2900Hz
18mA @ 12VDC
Continuous + Pulse
43 x 33H (Cutout 28mm)
Screw Terminals



Part Number
KPE657

MAGNETIC BUZZER

These electromagnetic buzzers are really subminiature loudspeakers. Being lower impedance than piezo devices, they offer better sound output at low drive voltages.

85dB @ 2m
3100Hz
25mA @ 12VDC
12 x 7.5H
PCB mount 7.6mm

Part Number	Voltage Range
UBS-05P	3.0V - 7.0V
UBS-12P	9.0V - 15V



9 – 15V
83dB @ 2m
2300Hz
30mA @ 12VDC
12.0 x 7.5H
PCB mount 7.6mm

Part Number
MBB12P



PIEZO ALARMS

AC POWER PIEZO BUZZER

60 – 250VAC
85dB @ 2m
2800Hz
18mA @ 12VDC
43 x 43H (Cutout 28mm)
Screw Terminals

Part Number	Type
KPE620SAN	Continuous
KPE623SAN	Pulsating



PANEL MOUNT PIEZO BUZZER

95dB @ 2m
3500Hz
12mA @ 12VDC
29 x 25H (Cutout 18mm)
34mm Mounting Holes
100mm Lead



Part Number	Type
KPE250	Continuous 1.5V - 28V
KPE253	Pulsating 3.0 - 16V

PIEZO ALARM

1 – 13V
100dB @ 1m
2900Hz
20mA @ 12VDC
45 x 26H 100mm lead

Part Number	Type
S6115	Continuous
S6117	Pulsating



PIEZO SIREN

6 – 16V
105dB @ 1m
1500-3500Hz
250mA @ 12VDC
44W x 40H x 57L
360mm Lead

Part Number
S6120



PIEZO SIREN

6 – 15V
110dB @ 0.5m
400-2000Hz
460mA @ 12VDC
99Diam x 104 Long

Part Number
S6125



HIGH POWER SIREN

12V
120dB @ 1m
3200Hz
300mA @ 12VDC
94Diam x 79L
300mm Lead

Part Number
S6130



SEMTRONICS P/L

MINI MECHANICAL BUZZERS

A range of solid state electromagnetic buzzers offering rich low frequency output in a small case. These have a logic input for high impedance control, saving driver components.



Part Number
AB1

Solid State Buzzer. 5 – 15V,
79dB @ 1m
400Hz
25mA @ 12VDC
23 x 17 x 15mm
With 120mm Leads



Part Number
S6102

5 – 15V,
79dB @ 1m
400Hz
25mA @ 12VDC
23 x 17 x 15mm
PCB mount 7.6mm

TRANSDUCER

Piezo Transducers are high efficiency, low current AC (or pulsed DC) driven devices, which can be operated at up to 30V peak to peak for maximum sound level.

Supply Volt : 1 – 2V square wave
SPL Output : 85dB @ 10cm
Frequency : 2048Hz
Coil Impedance : 40 Ohm
Coil Resistance : 16 Ohm
Current : 30mA
Size : 12.0 x 8.5H
PCB mount 6.5mm



Part Number
S6090

Supply Volt : 1 – 2V square wave
SPL Output : 85dB
Frequency : 2048Hz
Coil Impedance : 40 Ohm
Coil Resistance : 16 Ohm
Current : 30mA
Size : 12.0 x 8.5H
PCB mount 6.5mm



Part Number
DB11GP

Sound Pressure : 85dB
Max Input Volt : 60Vp-p
Frequency : 4500Hz
Electrostatic Cap : 17,000pF
Size : 24.0 x 7.5H
PCB Pitch : 10mm

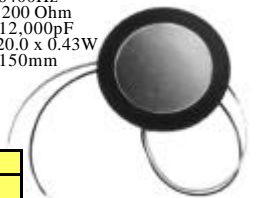


Part Number
PT33P

PIEZO SPEAKER ELEMENT

Piezo speakers are a very slim, high efficiency, high impedance alternative to conventional moving coil loudspeakers, for 3 to 30V peak to peak drive.

Max Input Volt : 30Vp-p
Frequency : 6400Hz
Resonant Resistance : 200 Ohm
Electrostatic Cap : 12,000pF
Size : 20.0 x 0.43W
Lead length : 150mm



Part Number
KBI-2064-150LW

ELECTRET MIC INSERT

Omnidirectional mini microphone insert.

Sensitivity : 66dB
Operating Volt : 1.5 to 10VDC
Current : 500uA
Impedance : < 2K

Part Number	Size
ECM60	6.0 x 4.0mm
ECM100	10.0 x 7.0mm

Part Number
C0175

Rubber Protection Boot

