

Acoustic Sensors: Technologies and Global Markets

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Abstracts

The global market for acoustic wave sensors should reach \$8.2 billion by 2021 from \$6.0 billion in 2016 at a compound annual growth rate (CAGR) of 6.5%, from 2016 to 2021.

The market for surface acoustic wave sensors is expected to grow from \$3.8 billion in 2016 to \$5.4 billion in 2021 at a CAGR of 7.1% for the period 2016-2021.

The bulk acoustic wave sensors segment of the acoustic wave sensors market is expected to grow from \$2.2 billion in 2016 to \$2.8 billion in 2021 at a CAGR of 5.4% for the period 2016-2021.



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Modes of Acoustic Wave Propagation

Types of Acoustic Sensors

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Applications of Acoustic Wave Sensors

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Lithium Niobate

Gallium Arsenide

Silicon Carbide

Langasite

Zinc Oxide

Aluminum Nitride

Lead Zirconium Titanate

Polyvinylidene Fluoride

Surface Acoustic Wave

Bulk Acoustic Wave

Pressure



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Mass

Torque

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Viscosity

Chemical Vapor

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ACOUSTIC SENSING TECHNOLOGY
API TECHNOLOGIES CORP.
AVX CORP.
BOSTON PIEZO-OPTICS INC.
BURKERT FLUID CONTROL SYSTEMS
CERAMTEC

Acoustic Sensors: Technologies and Global Markets



COLUMBIA RESEARCH LABORATORIES INC.

CTS CORP.

ECS INC. INTERNATIONAL

ELECTRONIC SENSOR TECHNOLOGY INC.

EPCOS AG

EPSON TOYOCOM CORP.

GE SENSING INC.

GENERAL ELECTRIC

HONEYWELL INTERNATIONAL INC.

INTELLISAW INC.

INVENSENSE

KISTLER INSTRUMENT CORP.

KYOCERA CORP.

MERCURY UNITED ELECTRONICS INC.

MURATA MANUFACTURING CO. LTD.

NANOTEMPER TECHNOLOGIES GMBH

NEC CORP.

NORTHROP GRUMMAN CORP.

PANASONIC CORP.

PHONON CORP.

PHYSICAL ACOUSTICS CORP.

PRO-MICRON GMBH & CO. KG

RAKON LTD.

RALTRON ELECTRONICS CORP.

RF SAW INC.

ROGA INSTRUMENTS

SCHMITT INDUSTRIES INC.

SENSEOR

SGX SENSORTECH LTD.

SHOULDER ELECTRONICS LTD.

SIEMENS AG

TAI-SAW TECHNOLOGY CO. LTD.

TELEDYNE MICROWAVE SOLUTIONS

TRANSENSE TECHNOLOGIES PLC

TRIQUINT SEMICONDUCTOR INC.

VECTRON INTERNATIONAL

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