

# Global Handset Proximity Sensor Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Handset Proximity Sensor market size will reach 832.83 Million USD in 2025 and is projected to reach 1,150.94 Million USD by 2032, with a CAGR of 4.73% (2025-2032). Notably, the China Handset Proximity Sensor market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

A handset proximity sensor is a component in mobile phones and other electronic devices that detects the presence of nearby objects, typically the user's face or ear during a phone call. The primary purpose of this sensor is to automatically turn off the device's display when it is in close proximity to prevent accidental touches or button presses during a call. This functionality helps conserve battery life and enhances the user experience by preventing unintended interactions. Handset proximity sensors typically use infrared or other technologies to sense the proximity of an object and trigger the appropriate actions in response to the user's behavior, ensuring seamless and intuitive operation during phone calls or specific device usage scenarios.

The major global manufacturers of Handset Proximity Sensor include AMS-TAOS, Sharp, Vishay (Capella), Avago, Heptagon, Maxim, ST Microelectronics, Intersil, Panasonic, Epticore, Sitronix (Sensortek), Liteon, Everlight, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant

industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Handset Proximity Sensor. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Handset Proximity Sensor market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Handset Proximity Sensor market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Handset Proximity Sensor industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Handset Proximity Sensor Include:

AMS-TAOS

Sharp

Vishay (Capella)

Avago

Heptagon

Maxim

ST Microelectronics

Intersil

Panasonic

Epticore

Sitronix (Sensortek)

Liteon

Everlight

Handset Proximity Sensor Product Segment Include:

Android

iOS

Windows Phone

BlackBerry

Others

Handset Proximity Sensor Product Application Include:

Optical Displacement Sensor

Ultrasonic Displacement Sensor

## **Chapter Scope**

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