

# Global Semiconductor Chilling Plates Market Research Report 2023

<https://marketpublishers.com/r/G10FB28B066AEN.html>

Date: December 2023

Pages: 104

Price: US\$ 2,900.00 (Single User License)

ID: G10FB28B066AEN

## Abstracts

Thermoelectric coolers operate according to the Peltier effect. The effect creates a temperature difference by transferring heat between two electrical junctions.

According to QYResearch's new survey, global Semiconductor Chilling Plates market is projected to reach US\$ 1079.1 million in 2029, increasing from US\$ 622.7 million in 2022, with the CAGR of 8.2% during the period of 2023 to 2029. Influencing issues, such as economy environments, COVID-19 and Russia-Ukraine War, have led to great market fluctuations in the past few years and are considered comprehensively in the whole Semiconductor Chilling Plates market research.

With the continuous development of semiconductor refrigeration technology, TEC has been widely used in various fields by virtue of many advantages that traditional temperature control methods do not have, such as: air conditioning systems in the automotive industry, portable refrigerators in civilian life, biomedicine Insulin needle preservation boxes in the military, temperature control of navigation systems in aerospace and military, precise temperature control of precision instruments in electronic technology, etc. In 2022, the market size of my country's semiconductor refrigeration chip (TEC) will be 1.139 billion yuan; the demand scale in the field of electronic appliances will be 373 million yuan; the scale in the communication field will be 175 million yuan; the scale in the medical experiment field will be 124 million yuan; the scale in the automotive field will be 86 million yuan RMB 269 million in the industrial sector and RMB 112 million in aerospace, military and other fields.

## Report Scope

This report, based on historical analysis (2018-2022) and forecast calculation

(2023-2029), aims to help readers to get a comprehensive understanding of global Semiconductor Chilling Plates market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

## By Company

II-VI Incorporated

Komatsu

KJLP

Laird Thermal Systems

Ferrotec

Kryotherm Industries

Z-MAX

RMT

Thermion

Phononic

CUI

Crystal

Merit Technology

EVERREDtronics

TE Technology

Fuxin Technology

WANGU Electronic Technology

## Thermonamic Electronics

### Segment by Type

Single Stage

Multistage

### Segment by Application

National Defense

Industry

Agriculture

Medical

Others

### Production by Region

North America

Europe

China

Japan

### Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

Latin America, Middle East & Africa

Mexico

Brazil

Turkey

GCC Countries

The Semiconductor Chilling Plates report covers below items:

Chapter 1: Product Basic Information (Definition, type and application)

Chapter 2: Manufacturers' Competition Patterns

Chapter 3: Production Region Distribution and Analysis

Chapter 4: Country Level Sales Analysis

Chapter 5: Product Type Analysis

Chapter 6: Product Application Analysis

Chapter 7: Manufacturers' Outline

Chapter 8: Industry Chain, Market Channel and Customer Analysis

Chapter 9: Market Opportunities and Challenges

Chapter 10: Market Conclusions

Chapter 11: Research Methodology and Data Source

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