

# Asia-Pacific Multi-Stage Thermoelectric Module Market Analysis 2012-2017 and Forecast 2018-2023

<https://marketpublishers.com/r/AE006B069F1EN.html>

Date: May 2018

Pages: 163

Price: US\$ 3,300.00 (Single User License)

ID: AE006B069F1EN

## Abstracts

### Snapshot

The Asia-Pacific Multi-Stage Thermoelectric Module market will reach xxx Million USD in 2018 and CAGR xx% 2018-2023. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Multi-Stage Thermoelectric Module by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Bulk Thermoelectric

Micro Thermoelectric

Thin Film Thermoelectric

Company Coverage (Sales Revenue, Price, Gross Margin, Main Products etc.):

Romny Scientific, Inc. (US)

ADV-Engineering (Russia)

GIRMET (Russia)

Ferrotec (Japan)

Laird (UK)

II-VI Marlow (US)

TE Technology (US)

TEC Microsystems (Germany)

Crystal Ltd. (Russia)

RMT Ltd. (Russia)

KELK Ltd. (Japan)

Kryotherm (Russia)

Thermion Company (Ukraine)

Thermonamic Electronics (Jiangxi, China)

EVERREDtronics (China)

Micropelt (Germany)

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Automotive

Consumer Electronics

Aerospace & Defense

Medical & Laboratories

Telecommunications

Industrial

Oil, Gas & Mining

Others

Region Coverage (Regional Production, Demand & Forecast by Regions etc.):

China

Japan & Korea

India

Southeast Asia

Oceania

## Contents

### 1 INDUSTRY OVERVIEW

- 1.1 Multi-Stage Thermoelectric Module Industry
  - 1.1.1 Overview
  - 1.1.2 Development of Multi-Stage Thermoelectric Module
- 1.2 Market Segment
  - 1.2.1 By Product Type
  - 1.2.2 By Application
- 1.3 Asia-Pacific Overview

### 2 MAJOR COMPANIES LIST

- 2.1 Romny Scientific, Inc. (US) (Company Profile, Products & Services, Sales Data etc.)
- 2.2 ADV-Engineering (Russia) (Company Profile, Products & Services, Sales Data etc.)
- 2.3 GIRMET (Russia) (Company Profile, Products & Services, Sales Data etc.)
- 2.4 Ferrotec (Japan) (Company Profile, Products & Services, Sales Data etc.)
- 2.5 Laird (UK) (Company Profile, Products & Services, Sales Data etc.)
- 2.6 II-VI Marlow (US) (Company Profile, Products & Services, Sales Data etc.)
- 2.7 TE Technology (US) (Company Profile, Products & Services, Sales Data etc.)
- 2.8 TEC Microsystems (Germany) (Company Profile, Products & Services, Sales Data etc.)
- 2.9 Crystal Ltd. (Russia) (Company Profile, Products & Services, Sales Data etc.)
- 2.10 RMT Ltd. (Russia) (Company Profile, Products & Services, Sales Data etc.)
- 2.11 KELK Ltd. (Japan) (Company Profile, Products & Services, Sales Data etc.)
- 2.12 Kryotherm (Russia) (Company Profile, Products & Services, Sales Data etc.)
- 2.13 Thermion Company (Ukraine) (Company Profile, Products & Services, Sales Data etc.)
- 2.14 Thermonamic Electronics (Jiangxi, China) (Company Profile, Products & Services, Sales Data etc.)
- 2.15 EVERREDtronics (China) (Company Profile, Products & Services, Sales Data etc.)
- 2.16 Micropelt (Germany) (Company Profile, Products & Services, Sales Data etc.)

### 3 MARKET COMPETITION

- 3.1 Company Competition
- 3.2 Regional Market by Company

## **4 MULTI-STAGE THERMOELECTRIC MODULE MARKET BY TYPE**

### 4.1 By Type

- 4.1.1 Bulk Thermoelectric
- 4.1.2 Micro Thermoelectric
- 4.1.3 Thin Film Thermoelectric

### 4.2 Market Size

### 4.3 Market Forecast

## **5 MARKET DEMAND**

### 5.1 Demand Situation

- 5.1.1 Demand in Automotive
- 5.1.2 Demand in Consumer Electronics
- 5.1.3 Demand in Aerospace & Defense
- 5.1.4 Demand in Medical & Laboratories
- 5.1.5 Demand in Telecommunications
- 5.1.6 Demand in Industrial
- 5.1.7 Demand in Oil, Gas & Mining
- 5.1.8 Demand in Others

### 5.2 Regional Demand Comparison

### 5.3 Demand Forecast

## **6 REGION OPERATION**

### 6.1 Regional Production

### 6.2 Regional Market

### 6.3 by Region

- 6.3.1 China
  - 6.3.1.1 By Type
  - 6.3.1.2 By Application
- 6.3.2 Japan & Korea
  - 6.3.2.1 By Type
  - 6.3.2.2 By Application
- 6.3.3 India
  - 6.3.3.1 By Type
  - 6.3.3.2 By Application
- 6.3.4 Southeast Asia
  - 6.3.4.1 By Type

- 6.3.4.2 By Application
- 6.3.5 Oceania
  - 6.3.5.1 By Type
  - 6.3.5.2 By Application
- 6.4 Regional Forecast

## **7 MARKETING & PRICE**

- 7.1 Price and Margin
  - 7.1.1 Price Trends
  - 7.1.2 Factors of Price Change
  - 7.1.3 Manufacturers Gross Margin Analysis
- 7.2 Marketing Channel

## **8 UPSTREAM & COST**

- 8.1 Upstream
- 8.2 Cost

## **9 INDUSTRY ENVIRONMENT**

- 9.1 Policy
- 9.2 Economics
- 9.3 Sociology
- 9.4 Technology

## **10 RESEARCH CONCLUSION-LIST OF TABLES**

- Table PRODUCT SEGMENT OF MULTI-STAGE THERMOELECTRIC MODULE
- Table Asia-Pacific Multi-Stage Thermoelectric Module Market 2012-2023, by Product Type, in USD Million
- Table Application Segment of Multi-Stage Thermoelectric Module
- Table Asia-Pacific Multi-Stage Thermoelectric Module Market 2012-2023, by Application, in USD Million
- Table Romny Scientific, Inc. (US) Overview List
- Table Multi-Stage Thermoelectric Module Business Operation of Romny Scientific, Inc. (US) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
- Table ADV-Engineering (Russia) Overview List
- Table Multi-Stage Thermoelectric Module Business Operation of ADV-Engineering

(Russia) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table GIRMET (Russia) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of GIRMET (Russia)  
(Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Ferrotec (Japan) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of Ferrotec (Japan)  
(Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Laird (UK) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of Laird (UK) (Sales  
Revenue, Sales Volume, Price, Cost, Gross Margin)

Table II-VI Marlow (US) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of II-VI Marlow (US)  
(Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table TE Technology (US) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of TE Technology (US)  
(Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table TEC Microsystems (Germany) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of TEC Microsystems  
(Germany) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Crystal Ltd. (Russia) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of Crystal Ltd. (Russia)  
(Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table RMT Ltd. (Russia) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of RMT Ltd. (Russia)  
(Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table KELK Ltd. (Japan) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of KELK Ltd. (Japan)  
(Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Kryotherm (Russia) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of Kryotherm (Russia)  
(Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Thermion Company (Ukraine) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of Thermion Company  
(Ukraine) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Thermonamic Electronics (Jiangxi, China) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of Thermonamic  
Electronics (Jiangxi, China) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table EVERREDtronics (China) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of EVERREDtronics

(China) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Micropelt (Germany) Overview List

Table Multi-Stage Thermoelectric Module Business Operation of Micropelt (Germany) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Asia-Pacific Multi-Stage Thermoelectric Module Sales Revenue 2012-2017, by Company, in USD Million

Table Asia-Pacific Multi-Stage Thermoelectric Module Sales Revenue Share, by Company, in USD Million

Table Asia-Pacific Multi-Stage Thermoelectric Module Sales Volume 2012-2017, by Company, in Volume

Table Asia-Pacific Multi-Stage Thermoelectric Module Sales Volume Share 2012-2017, by Company, in Volume

Table Major Company List of Bulk Thermoelectric

Table Major Company List of Micro Thermoelectric

Table Major Company List of Thin Film Thermoelectric

Table Asia-Pacific Multi-Stage Thermoelectric Module Market 2012-2017, by Type, in USD Million

Table Asia-Pacific Multi-Stage Thermoelectric Module Market 2012-2017, by Type, in Volume

Table Asia-Pacific Multi-Stage Thermoelectric Module Market Forecast 2018-2023, by Type, in USD Million

Table Asia-Pacific Multi-Stage Thermoelectric Module Market Forecast 2018-2023, by Type, in Volume

Table Multi-Stage Thermoelectric Module Demand in Automotive, 2012-2017, in USD Million

Table Multi-Stage Thermoelectric Module Demand in Automotive, 2012-2017, in Volume

Table Major Consumers in Automotive

Table Multi-Stage Thermoelectric Module Demand in Consumer Electronics, 2012-2017, in USD Million

Table Multi-Stage Thermoelectric Module Demand in Consumer Electronics, 2012-2017, in Volume

Table Major Consumers in Consumer Electronics

Table Multi-Stage Thermoelectric Module Demand in Aerospace & Defense, 2012-2017, in USD Million

Table Multi-Stage Thermoelectric Module Demand in Aerospace & Defense, 2012-2017, in Volume

Table Major Consumers in Aerospace & Defense

Table Multi-Stage Thermoelectric Module Demand in Medical & Laboratories,



2012-2017, in USD Million

Table Multi-Stage Thermoelectric Module Demand in Medical & Laboratories,  
2012-2017, in Volume

Table Major Consumers in Medical & Laboratories

Table Multi-Stage Thermoelectric Module Demand in Telecommunications, 2012-2017,  
in USD Million

Table Multi-Stage Thermoelectric Module Demand in Telecommunications, 2012-2017,  
in Volume

Table Major Consumers in Telecommunications

Table Multi-Stage Thermoelectric Module Demand in Industrial, 2012-2017, in USD  
Million

Table Multi-Stage Thermoelectric Module Demand in Industrial, 2012-2017, in Volume

Table Major Consumers in Industrial

Table Multi-Stage Thermoelectric Module Demand in Oil, Gas & Mining, 2012-2017, in  
USD Million

Table Multi-Stage Thermoelectric Module Demand in Oil, Gas & Mining, 2012-2017, in  
Volume

Table Major Consumers in Oil, Gas & Mining

Table Multi-Stage Thermoelectric Module Demand in Others, 2012-2017, in USD Million

Table Multi-Stage Thermoelectric Module Demand in Others, 2012-2017, in Volume

Table Major Consumers in Others

Table Regional Demand Comparison List

Table Major Application in Different Regions

Table Multi-Stage Thermoelectric Module Demand Forecast 2018-2023, by Application,  
in USD Million

Table Multi-Stage Thermoelectric Module Demand Forecast 2018-2023, by Application,  
in Volume

Table Multi-Stage Thermoelectric Module Production 2012-2017, by Region, in USD  
Million

Table Multi-Stage Thermoelectric Module Production 2012-2017, by Region, in Volume

Table Asia-Pacific Multi-Stage Thermoelectric Module Market Size 2012-2017, by  
Region, in USD Million

Table Asia-Pacific Multi-Stage Thermoelectric Module Market Size 2012-2017, by  
Region, in Volume

Table China Multi-Stage Thermoelectric Module Market Size 2012-2017, by Type, in  
USD Million

Table China Multi-Stage Thermoelectric Module Market Size 2012-2017, by Type, in  
Volume

Table China Multi-Stage Thermoelectric Module Market Size 2012-2017, by Application,

in USD Million

Table China Multi-Stage Thermoelectric Module Market Size 2012-2017, by Application, in Volume

Table Japan & Korea Multi-Stage Thermoelectric Module Market Size 2012-2017, by Country, in USD Million

Table Japan & Korea Multi-Stage Thermoelectric Module Market Size 2012-2017, by Country, in Volume

Table Japan Multi-Stage Thermoelectric Module Market Size 2012-2017, by Type, in USD Million

Table Japan Multi-Stage Thermoelectric Module Market Size 2012-2017, by Type, in Volume

Table Japan Multi-Stage Thermoelectric Module Market Size 2012-2017, by Application, in USD Million

Table Japan Multi-Stage Thermoelectric Module Market Size 2012-2017, by Application, in Volume

Table India Multi-Stage Thermoelectric Module Market Size 2012-2017, by Country, in USD Million

Table India Multi-Stage Thermoelectric Module Market Size 2012-2017, by Country, in Volume

Table India Multi-Stage Thermoelectric Module Market Size 2012-2017, by Type, in USD Million

Table India Multi-Stage Thermoelectric Module Market Size 2012-2017, by Type, in Volume

Table India Multi-Stage Thermoelectric Module Market Size 2012-2017, by Application, in USD Million

Table India Multi-Stage Thermoelectric Module Market Size 2012-2017, by Application, in Volume

Table Southeast Asia Multi-Stage Thermoelectric Module Market Size 2012-2017, by Country, in USD Million

Table Southeast Asia Multi-Stage Thermoelectric Module Market Size 2012-2017, by Country, in Volume

Table Southeast Asia Multi-Stage Thermoelectric Module Market Size 2012-2017, by Type, in USD Million

Table Southeast Asia Multi-Stage Thermoelectric Module Market Size 2012-2017, by Type, in Volume

Table Southeast Asia Multi-Stage Thermoelectric Module Market Size 2012-2017, by Application, in USD Million

Table Southeast Asia Multi-Stage Thermoelectric Module Market Size 2012-2017, by Application, in Volume

Table Oceania Multi-Stage Thermoelectric Module Market Size 2012-2017, by Country, in USD Million

Table Oceania Multi-Stage Thermoelectric Module Market Size 2012-2017, by Country, in Volume

Table Oceania Multi-Stage Thermoelectric Module Market Size 2012-2017, by Type, in USD Million

Table Oceania Multi-Stage Thermoelectric Module Market Size 2012-2017, by Type, in Volume

Table Oceania Multi-Stage Thermoelectric Module Market Size 2012-2017, by Application, in USD Million

Table Oceania Multi-Stage Thermoelectric Module Market Size 2012-2017, by Application, in Volume

Table Multi-Stage Thermoelectric Module Market Forecast 2018-2023, by Region, in USD Million

Table Multi-Stage Thermoelectric Module Market Forecast 2018-2023, by Region, in Volume

Table Price Factors List

Table Upstream Segment of Multi-Stage Thermoelectric Module

## List Of Figures

### LIST OF FIGURES

Figure Multi-Stage Thermoelectric Module Industry Chain Structure

Figure Asia-Pacific Multi-Stage Thermoelectric Module Market Size and Growth Rate 2012-2023

Figure China Multi-Stage Thermoelectric Module Market, by Company, in 2018

Figure Japan & Korea Multi-Stage Thermoelectric Module Market, by Company, in 2018

Figure India Multi-Stage Thermoelectric Module Market, by Company, in 2018

Figure Southeast Asia Multi-Stage Thermoelectric Module Market, by Company, in 2018

Figure Oceania Multi-Stage Thermoelectric Module Market, by Company, in 2018

Figure Asia-Pacific Multi-Stage Thermoelectric Module Market Growth 2012-2017, by Type, in USD Million

Figure Asia-Pacific Multi-Stage Thermoelectric Module Market Growth 2012-2017, by Type, in Volume

Figure China Multi-Stage Thermoelectric Module Market Size and Growth 2012-2017, in USD Million

Figure China Multi-Stage Thermoelectric Module Market Size and Growth 2012-2017, in Volume

Figure Japan & Korea Multi-Stage Thermoelectric Module Market Size and Growth 2012-2017, in USD Million

Figure Japan & Korea Multi-Stage Thermoelectric Module Market Size and Growth 2012-2017, in Volume

Figure India Multi-Stage Thermoelectric Module Market Size and Growth 2012-2017, in USD Million

Figure India Multi-Stage Thermoelectric Module Market Size and Growth 2012-2017, in Volume

Figure Southeast Asia Multi-Stage Thermoelectric Module Market Size and Growth 2012-2017, in USD Million

Figure Southeast Asia Multi-Stage Thermoelectric Module Market Size and Growth 2012-2017, in Volume

Figure Oceania Multi-Stage Thermoelectric Module Market Size and Growth 2012-2017, in USD Million

Figure Oceania Multi-Stage Thermoelectric Module Market Size and Growth 2012-2017, in Volume

Figure Marketing Channels Overview

## I would like to order

Product name: Asia-Pacific Multi-Stage Thermoelectric Module Market Analysis 2012-2017 and Forecast 2018-2023

Product link: <https://marketpublishers.com/r/AE006B069F1EN.html>

Price: US\$ 3,300.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AE006B069F1EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

