

# **Global Compound Semiconductor Market Study 2015-2025, by Segment (Gallium Arsenide (GaAs), Gallium Nitride (GaN), Silicon Carbide (SiC)), by Market (Electronic Components, Photonic DeviceGallium Nitride (GaN), Optoelectronic Devices), by Company (IQE PLC, Sumitomo Electric Industries, SCIOCS)**

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## **Abstracts**

### **SNAPSHOT**

Compound semiconductors are semiconductors that are made from two or more elements. Silicon is made from a single element, and therefore is not a compound semiconductor. Most compound semiconductors are from combinations of elements from Group III and Group V of the Periodic Table of the Elements (GaAs, GaP, InP and others). Other compound semiconductors are made from Groups II and VI (CdTe, ZnSe and others). It is also possible to use different elements from within the same group (IV), to make compound semiconductors such as SiC

The global Compound Semiconductor market will reach xxx Million USD in 2018 and with a CAGR of xx% between 2019-2025.

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

Gallium Arsenide (GaAs)

Gallium Nitride (GaN)

Silicon Carbide (SiC)

Others

Demand Coverage (Market Size & Forecast, Consumer Distribution):

Electronic Components

Photonic Device

Optoelectronic Devices

Integrated Circuit

Company Coverage (Sales data, Main Products & Services etc.):

IQE PLC

Sumitomo Electric Industries

SCIOCS

Mitsubishi Chemical

San'an Optoelectronics

Dow Corning

Shin-Etsu Chemical

DOWA

Freiberger

JX Nippon Mining & Metals

## Major Region Market

North America

Europe

Asia-Pacific

South America

Middle East & Africa

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