Description: Transient Electronics is a yet to be commercialized technology which involves the electronic components to be dissolved in the blood stream or body of an individual. This technology is under focus due to its capability of improved results and its recyclability. This eco-friendly technology is expected to bring a revolutionary change in electronic recycling sector. Researchers have focused on components such as diodes, photo-detectors, transistors, solar cells and digital cameras for the development. The major focus areas are healthcare and defence. The application of transient electronics in healthcare implants is estimated to present huge growth opportunities for the suppliers. The market is estimated to witness growth owing to the significant technological developments in this field. Researchers have demonstrated the use of transient electronics through the usage of materials such as silicon and magnesium and researchers have experimented with diodes, photo-detectors, transistors, solar cells and digital camera. When transient electronics will be commercialized it would be used across all electronics markets including defence electronics, sensors, medical devices, electronic components, consumer devices, among others Globally, need for environment friendly solutions, and emerging applications are the prime growth drivers of global transient electronics market. However, safety & commercialization issues are key restraints for global transient electronics market.

This report identifies the global transient electronics market size in for the year 2014-2016, and forecast of the same for year 2021. It also highlights the potential growth opportunities in the coming years, while also reviewing the market drivers, restraints, growth indicators, challenges, market dynamics, competitive landscape, and other key aspects with respect to transient electronics market.

Geographically North America is estimated to be a key market for transient electronics. Healthcare is estimated to be an attractive segment for the suppliers.

This report segments global transient electronics market on the basis of material, application, and regional market as follows:
Transient Electronics Market, by Material; Magnesium, and Silicon
Transient Electronics Market, by Application: Healthcare, and Defence
This is report has been further segmented into major regions, which includes detailed analysis of each region such as: North America, Europe, Asia-Pacific (APAC), and Rest of the World (RoW) covering all the major country level markets in each of the region

This report identifies all the major companies operating in the transient electronics market. Some of the major companies' profiles in detail are as follows:
BAE Systems PLC
DARPA
International Rectifier
Vishay Intertechnology (Siliconix)
Infineon Technologies

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*More than 40 Companies are profiled in this Research Report, Complete List available on Request*

**Financials would be provided on a best efforts basis for private companies**

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