Signal Generator Market Analysis: By Technology (2G, GSM, CDMA, 3G, WDCMA, CDMA2000, 5G, 4G, 3GPP LTE and WiMax); By Product; By Application; By End-user- With Forecast (2016-2021)

Description: A signal generator is a device which is used to create a number of electronic signals and waveforms. Depending on the application for which the generator is used for, the waveforms and signals can either be created in a repeating or in a non-repeating fashion. A repeating fashion would normally be used for the case of testing wherein the user is trying to check the results of a device by ensuring that a number of factors are constant (hence, the repeating signal) over a period of time. The market for signal generators is primarily driven by the telecommunications segment which has seen a vast number of devices which have been developed over the last decade. The telecommunications sector is ever evolving but more importantly, it is a sector where the absolute figure of end-users is enormous which requires constant monitoring and testing to ensure that everything is working as is. With the advent of numerous telecommunication technologies, the need for signal generators have further increased as a result of the required testing and development processes.

As a result of the telecommunications sector being the largest contributor to the signal generator market, North America is the leading contributor to the market in terms of geographical contribution. Following this, the electronics manufacturing industry is the next leading contributor to the signal generator market. As such, the APAC region is the global hub for electronics manufacturing and is a key contributor to the signal generator market.

The Signal Generator market can be segmented on the basis of technology 2G, GSM, CDMA, 3G, WDCMA, CDMA2000, 5G, 4G, 3GPP LTE and WiMax. In terms of products, the Signal Generator market has been segmented across the following Arbitrary Waveform Generator, RF Generator, Microwave Generator, Video Signal Generator, Audio Signal Generator, Pitch Generator, Analog Function Generator, Digital Function Generator and Sweep Function Generator. In terms of application, the Signal Generator market has been segmented across the following Design, Testing, Certification, Manufacturing, Trouble Shooting and Repair.

In terms of end-users, the Signal Generator market has been segmented across the following Telecommunication, Electronics Manufacturing, Industrial, Aerospace & Defense, Automotive, Education and Medical Design and Others. The market has been segmented based on the following geographies North America, South America, APAC, Europe, Middle East and Africa.

Following are just a few of the companies that are operating in the signal generator market:
Anritsu Corporation
B&K Precision Corporation
Keithley Instruments Inc.
Keysight Technologies Inc.
Leader Electronics Corp

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