

# Plunkett's Nanotechnology & MEMS Industry Almanac 2016: Nanotechnology & MEMS Industry Market Research, Statistics, Trends & Leading Companies

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## Abstracts

PLUNKETT'S NANOTECHNOLOGY & MEMS INDUSTRY ALMANAC 2016

Key findings:

Plunkett Research lists top 250 companies in Nanotechnology & MEMS and names top trends changing the industry for the mid term.

Key Features:

Industry trends analysis, market data and competitive intelligence

Market forecasts and Industry Statistics

Industry Associations and Professional Societies List

In-Depth Profiles of hundreds of leading companies

Industry Glossary

Buyer may register for free access to search and export data at Plunkett Research Online

Link to 5-minute video overview of this industry

Pages: 364

Statistical Tables Provided: 9

Companies Profiled: 243

Geographic Focus: Global

A complete market research report, including forecasts and market estimates, technologies analysis and developments at innovative firms. You will gain vital insights that can help you shape your own strategy for business development, product development and investments.

How is the industry evolving?

How is the industry being shaped by new technologies?

How is demand growing in emerging markets and mature economies?

What is the size of the market now and in the future?

What are the financial results of the leading companies?

What are the names and titles of top executives?

What are the top companies and what are their revenues?

Contents, Statistics, Forecasts and Analysis Include:

Major Trends Affecting the Nanotechnology & MEMS Industry

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- 2) What is Nanotechnology?
- 3) A Brief History of Nanotechnology
- 4) Advances in Microscopes Enable Nanotechnology Research
- 5) Self-Assembly and Fabrication on the Atomic Level Enable Nanomanipulation
- 6) Innovations in Bucky Balls, Nanotubes, Single Wall Nanotubes (SWNTs) and Nanopores Make Commercial Production a Reality
- 7) Nanotechnology & MEMS Applications in Optics and Displays Lead to a Breakthrough in Wireless Device Screens
- 8) Silicon Chips with 7-Nanometer Density/Memristors/Nanotechnology to Create

Powerful Semiconductors with Advantages Over Silicon

- 9) Nanotechnology Holds the Key to the Ultradense NRAM Digital Memory of the Future
- 10) Nanotechnology Sees Applications in Fuel Cells and Solar Power/Micro Fuel Cells to Power Mobile Devices
- 11) Graphene Ushers in a New Era in Nanotechnology/Delivers Flexibility and Conductivity
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