

Now Available!

The Worldwide OEM Electronics Assembly Market - 2017 Edition

A Unique Database Providing Global Electronics Assembly Data for Over 360 OEM Companies

Database Highlights

■ **Product Segment Analysis, 2016**

- ◆ **Automotive**
- ◆ **Communications**
- ◆ **Computers/Peripherals**
- ◆ **Consumer Electronics**
- ◆ **Industrial**
- ◆ **Medical**
- ◆ **Aerospace/Military/Other Transportation**

■ **Company-Level Analysis, 2016**

- ◆ **COGS Assembly Revenue**
- ◆ **Electronics COGS Assembly Revenue**
- ◆ **Outsourced/In-House Assembly Revenue**
- ◆ **Assembly Revenue by 3 Regions**
- ◆ **Assembly Revenue by 48 Products**

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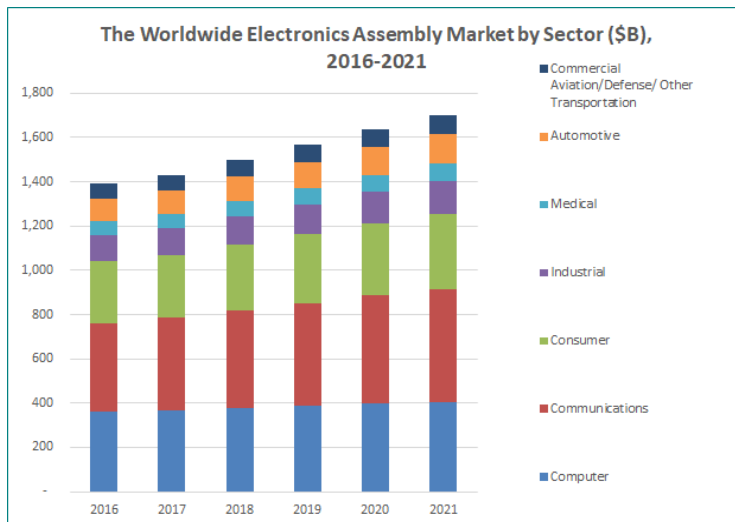
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Synopsis

The worldwide electronics assembly market is substantial in size, approximately \$1.4 trillion dollars in terms of cost of goods sold (COGS) as of 2016. The market is expanding rapidly but changing in composition both in terms of outsourcing partnerships and in-house manufacturing. Also, moves are being made annually with regard to the manufacturing country of origin based on total cost.



New Venture Research (NVR) has followed the electronics assembly industry for over 20 years with its research reports that focus on all aspects of this industry. **The Worldwide OEM Electronics Assembly Market - 2017 Edition** is a peerless database that analyzes the 2016 electronics assembly market on a worldwide basis. It is developed by studying more than 360 leading OEM electronics companies in 48 different product categories and their manufacturing activities in 3 different geographic areas. Moreover, the report examines the electronics assembly market by outsourced subcontractor versus in-house assembly by the OEM company.

The report segments the worldwide electronics assembly value into seven unique markets.

Automotive
Communications
Computers/Peripherals
Consumer Electronics
Industrial
Medical
Aerospace/Military/Other Transportation

The following production data is given for the leading OEMs within each product/market segment.

COGS Assembly Revenue
Electronics COGS Assembly Revenue
Outsourced/In-Housed Assembly Revenue
Assembly Revenue by 3 Regions
Assembly Revenue by 48 Products

The leading OEMs for each segment are chosen not only for their size, but also for their leadership within their industry segment, growth potential, profitability, and inclination to outsource electronics assembly.

The Worldwide OEM Electronics Assembly Market - 2017 Edition will provide you with critical information you need on this significant market. The database is delivered by email as a single-user Excel file and sells for \$3,995. An extra single-user license is \$500 and a corporate license is \$1,500.

About the Author

Randall Sherman, president of New Venture Research Corp., a California market research and business consulting firm focused on the EMS and OEM electronics manufacturing industries, serves as principal analyst for this database. Mr. Sherman has more than 20 years' experience in technology and business research. He began his career as a telecom network design engineer. He has held senior positions at various market research firms, including Creative Strategies and Frost and Sullivan. Mr. Sherman holds an MSEE from the University of Colorado and an MBA from the Edinburgh School of Business.

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Database Worksheets

Worksheet 1: Automotive

- Automotive Engine Controls
- Automotive Instruments
- Automotive Safety
- Automotive Entertainment
- Total Automotive
- Automotive Summary

Worksheet 2: Communications

- Mobile Phones
- Infrastructure
- Other Phones
- Enterprise LANs
- Wireless LANs
- DSL/Cable Modems
- PBX/Key Systems
- Carrier-Class
- Other Communications
- Total Communications Summary

Worksheet 3: Computer/Peripherals

- Notebooks
- Desktops
- Tablets
- Servers
- Workstations
- ESS
- Monitors
- Printers
- E-Readers
- Other Computer
- Total Computer Summary

Worksheet 4: Consumer Electronics

- Analog TV
- Digital TV
- MP3
- Other Audio

Games

- Enterprise LANs
- Wireless LANs
- DSL/Cable
- PBX/CPE
- Class Carrier
- Other Telecom
- Total Telecom Summary

Worksheet 5: Industrial

- Process Control
- Test & Measurement
- Other Industrial
- Clean Energy
- Total Industrial Summary

Worksheet 6: Medical

- Monitoring
- Therapeutic
- Diagnostics/Surgical
- Total Medical Summary

Worksheet 7: Aerospace/Military/Other Transportation

- In-Flight Entertainment
- Navigation Systems
- Weapons
- C3 Systems
- Other Military
- Other Aerospace/Other Transportation
- Total Aerospace/Military/Other Transportation

Worksheet 8: World Total

- Total Production Assembly Value by Country
- EMS Assembly Value by Region
- In-House Assembly Value by Region
- Total Assembly Value by Market Segment/Product

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List of Companies Profiled

<u>Automotive</u>	<u>Communications (continued)</u>	<u>Communications (continued)</u>	<u>Computers/Peripherals (continued)</u>	<u>Consumer (continued)</u>	<u>Industrial (continued)</u>
Aisin Seiki	China Putian	Toshiba	Pitney Bowes	LG Electronics	CNH Global
Alps Electric	China SpaceSat	Ubiquiti	Positivo Informatica	Microsoft	Coherent
Audi	Ciena	Viavi Solutions	Qisda	Midea Holding	Cree
AutoLiv	Cisco Systems	Vivo	Quanta Computer	Mitsubishi Electric	Crompton Greaves
BMW	Datang Telecom	Vtech	Ricoh	Nikon	Danaher
Calsonic Kansei	D-Link	Xiaomi	Samsung Electronics	Nintendo	Deere & Co.
Continental	ECI Telecom	ZTE	SanDisk	Olympus	Diebold
Daimler	Ericsson	<u>Computers/Peripherals</u>	Sharp	Panasonic	Dresser-Rand Group
Delphi	Extreme Networks	Acer	Sony	Pioneer	Eaton
Denso Corporation	F5 Networks	Agfa-Gevaert	Teradata	Qisda	Ebara Corp.
Dongfeng	Fujitsu	Amazon	Toshiba	Quanta Computer	Electrolux
Eaton	Harmonic	Apple, Inc.	TPV	Roland Corp.	Emerson
Fiat Chrysler	Harris Corp.	AsusTek	Unisys	Samsung	Everi Holdings
Hella	Hewlett Packard Enterprise	Barnes & Noble	Xerox	Sega	Exide Technologies
Hitachi	HTC	Brother Industries	<u>Consumer</u>	Sharp Corp.	Fanuc
Hyundai	Huawei	Canon	Acer	SmarDTV	Federal Signal
Johnson Controls	Juniper Networks	Cisco	Amtran	Sony	FEI Company
JVC Kenwood	Kyocera	Compal Electronics	Apple	SVA Electronics	First Solar
Lear Corporation	Lenovo	Cray, Inc.	Arcelik	TCL	Fronius International
Magna International	LG Mobile Com	Dell Technologies	Arris Global	Technicolor	Fuji Electric
Mazda Motors	Micromax Informatics	Delta Electronics	ARRIS Group	TomTom	Fujitsu
Mitsubishi Electric	Microsoft	Diebold Nixdorf	AU Optronics	Toshiba	Gamesa
Nissan	Mitel	EliteGroup Computer Systems	Bang & Olufsen	TPV	GE Industrial
Panasonic	Motorola Solutions	Epson	Bosch Group	Trimble Navigation	Gemalto
Peugeot	NEC	Fuji Xerox	BOSE	Vestel	General Dynamics
Pioneer	Netgear	Fujitsu	Casio Computer	Videocon	Haier
Renault	Nokia Oyj	Gemalto	Changhong	Whirlpool	Halliburton
Robert Bosch	Oki Electric	Great Wall	Cisco Systems	Yamaha	Hanwha Q-Cells
Stoneridge	Oppo	Hannstar Display	Compal Electronics	<u>Industrial</u>	Hitachi
Tata Motors	Panasonic Mobile Comm	Hewlett Packard	Daewoo	ABB	Honeywell
Valeo	Panda Electronics	Hitachi	Dolby Laboratories	Abengoa	IGT
Visteon	Polycom	Hitachi Data	EchoStar	Advantest	Illumina
Volkswagen	Qorvo	IBM	Electrolux	Agilent	Ingersoll Rand
Volvo	Quanta Computer	Intel	Fitbit	ALSTOM	Itron
<u>Communications</u>	Riverbed Technology	Inventec	Funai Electric	Anritsu	ITT Corp.
Accton	Samsung Electronics	Konica Minolta	Garmin	Applied Materials	JEOL
ADTRAN	Sanyo Electronics	Lenovo	General Electric	ASML	Johnson Controls
Apple Computer	Sony Mobile Communications	Lexmark	Haier Electronics	Baldor Electric	Keysight Technologies
Arima	Spirent	Logitech	Harman International	Bharat Heavy Electricals	KLA-Tencor
Arista Networks	TCL	MicroStar	Hitachi	Canadian Solar	Komatsu
ARRIS	Telent	MiTac	Humax	Caterpillar	KONE Oyj
AsusTek	Tellabs	NEC	JVC Kenwood	Changzhou Trina Solar	Lam Research
Avaya		NetApp, Inc.	Koninklijke Philips	Cisco Systems	Lennox Intl.
Blackberry		Oracle	Konka Group		
Brocade Communications					

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List of Companies Profiled

<u>Industrial (continued)</u>	<u>Industrial (continued)</u>	<u>Medical</u>	<u>Medical (continued)</u>	<u>Aerospace/Other</u>	<u>Aerospace/Other (continued)</u>
LG Electronics	Shimadzu	3M Healthcare	Konica Minolta	Airbus SE	Orbital ATK
Mettler Toledo	Siemens AG	Abbott Labs	Life Technologies	BAE Systems	Raytheon
Mitsubishi Electric	Smiths Group	Agilent	Masimo	Boeing	Rockwell Collins
MKS Instruments	SolarWorld AG	B. Braun	Medtronic	Boeing Defense	SAFRAN
MTS Systems	SPX Corporation	Baxter International	Novartis	Bombardier	Suzuki Motor
National Instruments	Sumitomo Heavy Industries	Becton Dickinson	Olympus	Chemring	Teledyne
NCR	SunPower	Boston Scientific	Omron	Dassault Aviation	Textron
NEC	Suntech Power Holdings	C R Bard	Philips Electronics	Embraer	Thales
Nichia	Teradyne	Carl Zeiss Meditec	ResMed	General Dynamics	United Technologies
Omron	Texas Instruments	Cepheid	Roche	General Electric	Yamaha
OSRAM Licht	Textron, Inc.	CONMED	Siemens Healthcare	Gogo LLC	Zodiac Aerospace
Panasonic Lighting	Thermo Fisher	DaVita Healthcare	Smiths Group	Honda Motor	
Parker-Hannifin	ThyssenKrupp AG	Dentsply	St. Jude Medical	Honeywell	
PerkinElmer	Tokyo Electron	Dragerwerk	Stryker	Kawasaki	
Robert Bosch	Toshiba	Edwards Lifesciences	Terumo	L-3	
Rockwell Automation	UTC	Fresenius	Thermo Fisher	Leonardo	
Rohde & Schwartz	Vestas Wind	Fujitsu	Toshiba	Lockheed Martin	
Samsung	Waters	GE Healthcare	Varian Medical	Lufthansa Systems	
Schlumberger Omnes	Whirlpool Corporation	Hitachi		Mitsubishi	
Schneider Electric	Yokogawa	Hologic		Mitsui Engineering	
Sharp Corporation		Hospira		Northrop Grumman	
		Johnson & Johnson			

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TOTAL