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The Worldwide OEM Electronics Assembly Market - 2021 Edition

A Unique Database Providing Global Electronics Assembly Data of 387 of the World's Leading OEM Outsourcing Companies

Database Highlights

■ **Product Segment Analysis, 2020**

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

■ **Company-Level Analysis, 2020**

- ◇ **COGS Assembly Revenue**
- ◇ **Electronics COGS Assembly Revenue**
- ◇ **Outsourced/In-House Assembly Revenue**
- ◇ **Assembly Revenue by 3 Regions**
- ◇ **Assembly Revenue by 46 Products**

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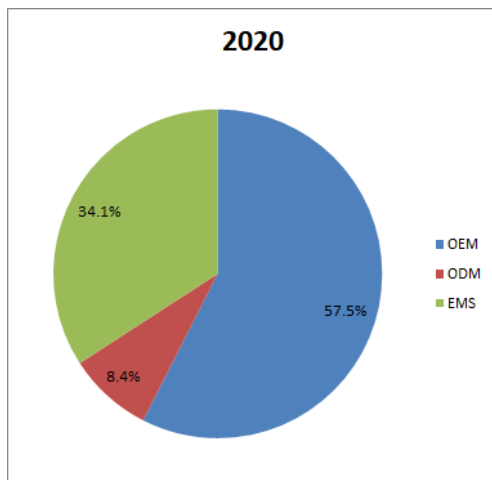
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The Worldwide OEM Electronics Assembly Market - 2021 Edition

Synopsis - 68 Page PP Discussion + 64 Excel Supporting Tables

The worldwide electronics assembly market is substantial in size, approximately \$1.4 trillion dollars in terms of cost of goods sold (COGS) as of 2020. The market has been expanding rapidly but changing in composition both in terms of outsourcing partnerships with 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 25 years with its research reports that focus on all aspects of this industry. **The Worldwide OEM Electronics Assembly Market - 2021 Edition** is a peerless database that analyzes the 2020 electronics assembly market on a worldwide basis. It is developed by studying 387 leading OEM electronics companies in 46 different product categories and their manufacturing activities in 3 different geographic regions. 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 46 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 - 2021 Edition will provide you with critical information you need on this significant market. The database/report 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 25 years' experience in technology and business research. He began his career as a telecom systems 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, Scotland.

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Synopsis - 70 Page PP Discussion and Excel Supporting Tables

Worksheet 1: Automotive

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

- Set-Top Boxes
- Digital Cameras
- DVD/DVR
- Camcorders
- Other Consumer
- Total Consumer 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 5: Industrial

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

Worksheet 3: Computer/Peripherals

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

Worksheet 6: Medical

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

Worksheet 4: Consumer Electronics

- Digital TV
- MP3/4
- Smart Home and AV
- Games

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 Region
- 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</u>	<u>Communications (continued)</u>	<u>Computers/Peripherals (continued)</u>	<u>Consumer (continued)</u>	<u>Industrial</u>
Aisin Seiki	Accton	Panasonic Mobile Comm	HP, Inc.	Compal Electronics	ABB
Alps Electric	ADTRAN	Panda Electronics	HPE	Dolby Laboratories	Advantest
Audi AG	ADVA	Poly	HTC	EchoStar	Agilent
AutoLiv	Allied Telesis	Qorvo	Huawei	Electrolux	ALSTOM
BAIC Motor	Apple	Quanta Computer	IBM	Fitbit	Anritsu
BMW	Arista Networks	Ribbon Communications	Intel	Founder	Applied Materials
BYD	AsusTek	Samsung Electronics	Inventec	Funai Electric	ASML
Changan Motor	Avaya	Spirent	Konica Minolta	Garmin	Bharat Heavy Electricals
Continental	BBK Electronics	TCL Electronics	Lenovo	General Electric	Caterpillar
Daimler	Blackberry	Telent	Logitech	Google	Cisco Systems
Delphi (Borgwarner)	CEC	Toshiba	MicroStar	Haier Electronics	CNH Industrial
Denso Corporation	China Electronics Technology	Ubiquiti Networks	MiTac	Hisense	Coherent
Dongfeng	China SpaceSat	UTStarcom	NEC	Hitachi	Cree
Eaton	Ciena	Viavi Solutions	NetApp, Inc.	Humax	Danaher
FAW Group	Cisco Systems	Vtech	Oracle	JVC Kenwood	Deere & Co.
Fiat Chrysler	CommScope	Xiaomi	Pitney Bowes	Koninklijke Philips	Diebold
Geely Motor	D-Link	ZTE	Positivo Informatica	Konka Group	Eaton
General Motors	Datang Telecom	Ubiquiti Networks	Qisda	LG Electronics	Ebara Corp.
Guangzhou Auto	Dell Technologies	UTStarcom	Quanta Computer	Microsoft	Electrolux
Hella	Ericsson	Viavi Solutions	Ricoh	Midea Holding	Emerson
Hitachi	Extreme Networks	<u>Computers/Peripherals</u>	Samsung Electronics	Mitsubishi Electric	Everi Holdings
Honda Corporation	F5 Networks	Acer	Sony	Nikon	Fanuc
Hyundai Motor	Fortinet	Agfa-Gevaert	Teradata	Nintendo	Federal Signal
Johnson Controls	Fujitsu	Amazon	Toshiba	Olympus	First_Solar
JVC Kenwood	Google	Apple, Inc.	TPV	Panasonic	Fuji Electric
Kia Motors	Harmonic	AsusTek	Unisys	Qisda	Fujitsu
Magna International	Harris Corp.	Tongfang	Western Digital	Quanta Computer	GE Industrial
Mahindra	Hewlett Packard Ent.	Brother Industries	Xerox	Roku	Gemalto (Thales)
Maruti Suzuki	Hikvision	Canon	Zebra Technologies	Samsung	General Dynamics
Mazda Motors	HTC	Cisco	<u>Consumer</u>	Skyworth	Haier
Mitsubishi Motors	Huawei	Founder Technology	Acer	SmarDTV (Nagra)	Halliburton
Navistar	Infinera	Compal Electronics	Alibaba	Sony	Hanwha Q-Cells
Nissan	Juniper Networks	Dell Technologies	Amazon	Tatung	HiSilicon (Hauwei)
Panasonic	Kyocera	Delta Electronics	Amtran	TCL Electronics	Hitachi
Renault	Lenovo	Diebold Nixdorf	Apple	Technicolor	Honeywell
Robert Bosch	LG Mobile Com	EliteGroup Comp. Sys.	Arcelik	TomTom	Iberdrola
SAIC Motor	Mitel	Epson	AU Optronics	Tongfang	IGT
Tata Motors	Motorola Solutions	Founder	BOE Technology	Toshiba	Illumina
Tesla	NEC	GigaByte	Bosch Group	TPV	Ingersoll Rand
Valeo	Netgear	Fujitsu	BOSE	Trimble Navigation	Itron
Visteon	Nokia Oyj	Inspur	Casio Computer	Whirlpool	
Volkswagen AG	Oki Electric	Google	Changhong	Yamaha	
Volvo		Great Wall	Cisco Systems		
		Hitachi Vantara	Commscope		

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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>
ITT Corp.	Robert Bosch	3M Healthcare	Johnson & Johnson	Airbus SE	L3Harris
JA Solar	Rockwell Automation	Abbott Labs	Konica Minolta	AVIC International	Leonardo
JEOL	Rohde & Schwartz	Agilent	Masimo	BAE Systems	Lockheed Martin
JinkoSolar	Samsung	Amgen	Medtronic	Boeing	Lufthansa Systems
Johnson Controls	Schlumberger Omnes	AstraZeneca	Mindray Medical	Boeing Defense	Mitsubishi
Keysight Technologies	Schneider Electric	B. Braun	Novartis	Bombardier	Mitsui Engineering
KLA-Tencor	Shimadzu	Baxter International	Omron	Chemring	Northrop Grumman
Komatsu	Siemens AG	Becton Dickinson	Philips Healthcare	China Aerospace	Orbital UAV
KONE Oyj	Sinopec	Bio-Rad	Qiagen N.V.	China Electronics Corp.	Raytheon
Lam Research	SMIC	Boston Scientific	ResMed	Dassault Aviation	Saab
Lennox Intl.	Smiths Group	Carl Zeiss Meditec	Roche	Embraer	SAFRAN
LG Electronics	SPX Corporation	CONMED	Siemens Healthcare	General Dynamics	SpaceX
LONGi	Sumitomo Heavy Industries	Danaher	Smith & Nephew	General Electric	Suzuki Motor
Mettler Toledo	SunPower	DaVita Healthcare	Smiths Group	Gogo LLC	Teledyne
Mitsubishi Electric	Teradyne, Inc.	Dentsply Sirona	Stryker	Gulfstream Aerospace	Textron
MKS Instruments	Textron, Inc.	Dragerwerk	Sun Pharmaceuticals	Hindustan Aerospace	Thales
MTS Systems	Thermo Fisher Scientific	Edwards Lifesciences	Terumo	Honda Motor	Yamaha
National Instruments	ThyssenKrupp AG	Fresenius	Thermo Fisher	Honeywell	
NCR	Tokyo Electron	Fujitsu	Toshiba	Israel Aerospace	
NEC	Toshiba	GE Healthcare	Varian Medical	Kawasaki	
Nichia	Trina Solar	Hitachi	Zimmer Biomet		
Omron	UTC (Raytheon Technologies)	Hologic			
Orsted A/S	Vestas Wind				
OSRAM Licht	Waters Corporation				
Panasonic Lighting	Whirlpool Corporation				
Parker-Hannifin	Yingli Solar				
PerkinElmer	Yokogawa Electric				

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The Worldwide OEM Electronics Assembly Market - 2021 Edition (2020 database)

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TOTAL

