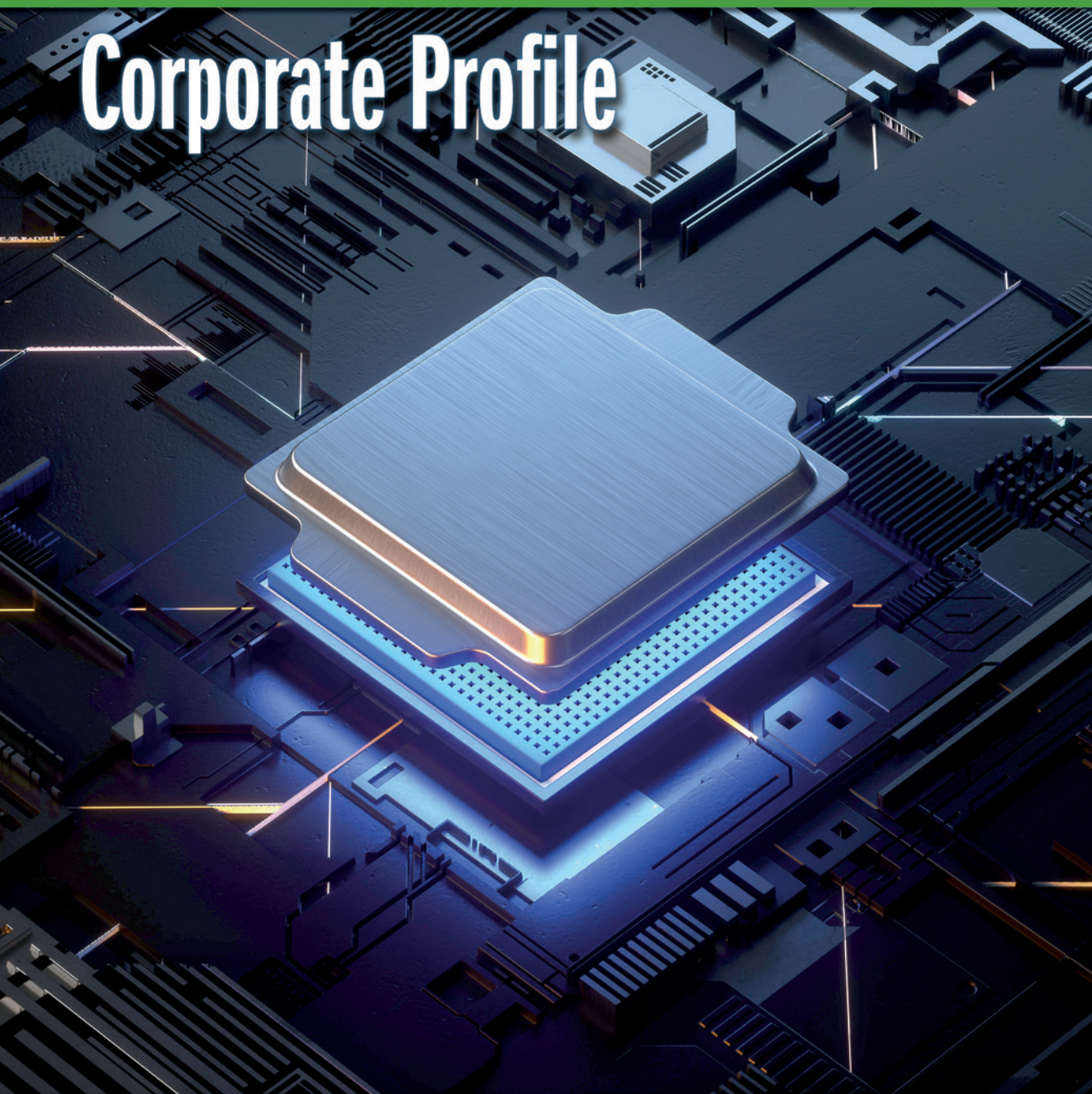




BRD8060/D
Rev. 15, Mar-2020

Energy Efficient Innovations

Corporate Profile



ON Semiconductor

Creating Energy Efficient Semiconductors that Help Make the World Greener, Safer, Inclusive and Connected

ON Semiconductor is a trusted supplier of choice for power, analog, sensor, and connectivity solutions that enable energy efficient electronics innovations. With an expansive portfolio ranging from standard components to SoCs; advanced software, tools, and development kits; an extensive process technology portfolio for analog, mixed signal, digital, and discrete products; and advanced packaging and integration capabilities, the company enables comprehensive solutions for automotive, communications, computing, consumer, industrial, medical, and aerospace & defense electronics applications. Through close work with associations, industry standards organizations, and government entities, ON Semiconductor continues to demonstrate its commitment to deliver energy efficient innovations that enable a greener world.



Helping Customers Solve their Unique Design Challenges

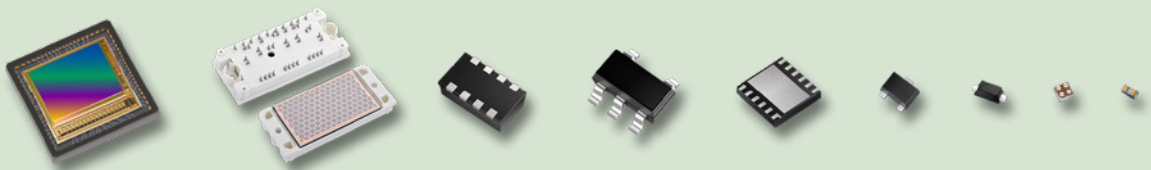
ON Semiconductor works closely and collaboratively with its customers to solve their unique design challenges, using innovative technologies, development systems (hardware, software, firmware), and energy efficient products and solutions. The company operates a global network of Solutions Engineering Centers, on-site customer design facilities, and applications focused design and test labs, all supported by global teams of field applications engineers working to meet the needs of an expanding customer base.

Empowering Design Engineers to Reduce Global Energy Use

ON Semiconductor provides development kits, online tools, software, reference designs, and block diagrams, helping to reduce new product development costs and speed time to market for its customers. The company offers innovative products that enable more efficient power supplies through improved power factor, enhanced active-mode efficiency, and reduced standby-mode power consumption.

Operating a Responsive, Reliable World-Class Supply Chain and Quality Program

ON Semiconductor operates a flexible, reliable, responsive supply chain that supports complex manufacturing networks and dynamic global market conditions. This includes multiple manufacturing and logistics sites located near our customers to ensure supply continuity. The company shipped over 72 billion units through its global logistics network during 2019, representing ~10 units per person on earth. ON Semiconductor sustains world-class quality performance, with average defect rates of <140 ppb.



Focus on Markets and Applications

Applications

Sample Customers



AUTOMOTIVE

- Autonomous Vehicles
- Vehicle Electrification
- Body Electronics & Lighting
- Vehicle Communications & Power Management

Aptiv, Bosch, Continental,
Denso, Hella, Hyundai Mobis,
Magna, Magneti Marelli,
Tesla, Valeo, ZF Friedrichshafen



COMMUNICATIONS

- Smart Phones & Tablets
- Gateways, Routers & Base Stations
- USB Type-C & Fast Charging
- RF Tuning

BBK, Cisco, Ericsson,
Huawei, Lenovo, LG, Nokia,
Samsung, Xiaomi



COMPUTING

- Servers & Workstations
- Notebooks, Ultrabooks & 2-in-1s
- Desktop PCs & All-in-Ones
- Power Supplies, Graphics, & HDDs

ASUS, Dell, Delta,
Foxconn, HP, Lenovo, Microsoft,
NVIDIA, Seagate, Quanta



CONSUMER

- TVs, STBs, & Game Consoles
- Wearables
- White Goods
- Drones

Amazon, Bosch, Canon, Cree,
Dyson, Google, LG, Microsoft, Midea,
Panasonic, Samsung, Sony



INDUSTRIAL

- Industrial Automation & Motion Control
- Power Conversion
- Energy Infrastructure
- Internet of Things

Delta, GE, Hikvision,
Honeywell, Philips,
Schneider Electric, Siemens



MEDICAL

- Personal Health & Hearing Devices
- Implantable Devices
- Imaging
- Diagnostic, Therapy, & Monitoring

Boston Scientific, GE,
Intricon, Philips,
St. Jude, Starkey



AEROSPACE & DEFENSE

- Cockpit Displays
- Guidance Systems
- Infrared Imaging

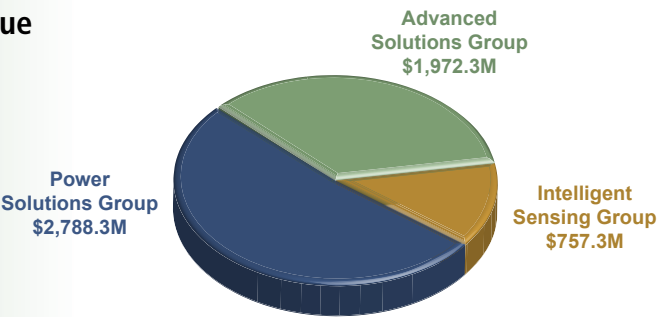
Ball Aerospace, British
Aerospace, Harris, Honeywell, L-3
Communications, Lockheed Martin,
Raytheon, Rockwell Collins, Sofradir

Demonstrated Financial Strength

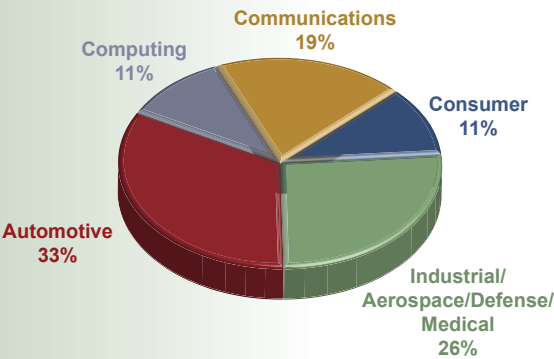
ON Semiconductor demonstrates financial strength and efficiency through strong cash flow, a stable revenue stream, and balanced geographic and end-market exposure.

2019 Total Revenue
of \$5.518B

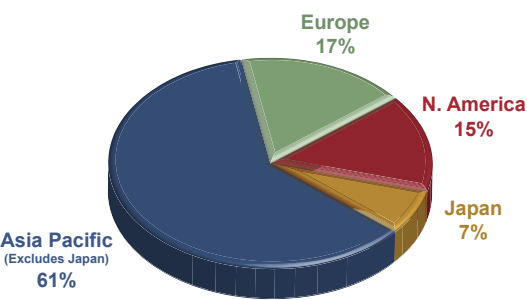
Business Groups



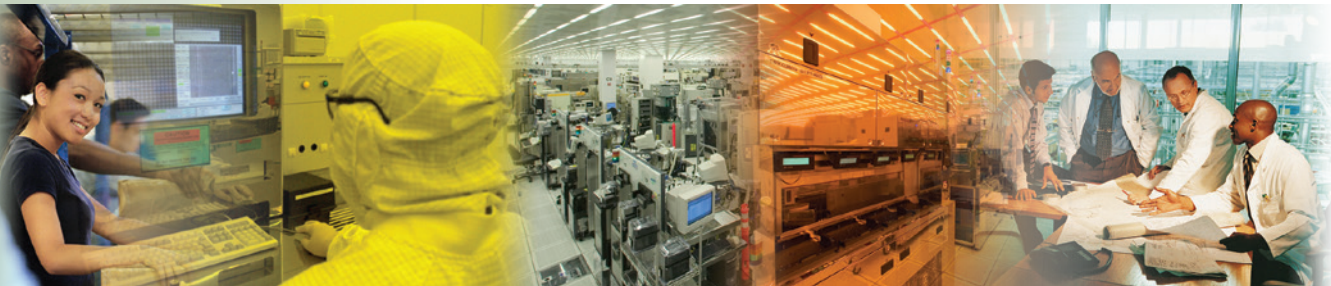
Markets



Geography



Represents combined financials as reported for the last twelve months ending December 2019 for ON Semiconductor product revenue.
Amounts may not total due to rounding of individual amounts.



Global Locations



Please visit www.onsemi.com for a complete listing of our global sales offices.

Worldwide Manufacturing Centers

Front-End & Substrate Facilities				Back-End Facilities		
						
Aizu, Japan	Gresham, OR, USA	Czech Republic Fab	Czech Republic Substrates	Leshan, China	Suzhou, China	Shenzhen, China
						
Bucheon, Korea	Portland, ME, USA	Oudenaarde, Belgium	Seremban, Malaysia	Carmona, Philippines	Tarlac, Philippines	Cebu, Philippines
						
Pocatello, ID, USA	Mountain Top, PA, USA	Niigata, Japan		Seremban, Malaysia	Vietnam OSBD	Vietnam OPP/IPM

Company Culture

We value quality, efficiency and superior customer service. Around the world, ON Semiconductor's employees reflect the diverse richness of many cultures. As a company, we celebrate differences and promote an inclusive environment by valuing the contributions of all employees. We look to promote an inclusive environment and support the diversity of thinking that results from the differences in experiences, knowledge, culture, customs and background of all employees. Diversity of thinking will help us continue to encourage the creativity and innovation necessary for ON Semiconductor to maintain a competitive advantage in the global marketplace.

We believe that our company's vision, values and culture afford opportunities for everyone to make a difference in building a successful global business.



Corporate Social Responsibility

Our commitment to corporate social responsibility (CSR) is built on a strong foundation of transparency, governance, and ethics. This creates value for ON Semiconductor and our stakeholders by helping us mitigate risks, reduce costs, build brand value, and identify new market opportunities. The company has made strategic investments in the areas of environmental sustainability, supply chain responsibility, diversity and inclusion, and social impact that benefit the environment and society.

Our Human Rights Policy formalizes our commitment to preserving and promoting the fundamental rights of others, as reflected in the RBA Code, the Universal Declaration of Human Rights, the United Nations (UN) Guiding Principles on Business and Human Rights, and the UN Global Compact. ON Semiconductor is a signatory to the UN Global Compact. Our fundamental Human Rights, as outlined in the UN Global Compact and our Human Rights Policy, applies to all of our employees, joint ventures, major suppliers, and select service providers and contractors, and to all of our products and services.

We build trust with stakeholders by empowering people through technology and advancing social impact initiatives. One way in which ON Semiconductor has operationalized its mission of being socially responsible is through the Company's Corporate Giving Program.

Our performance and recognition in CSR is a testament to our commitment to corporate citizenship, environmental sustainability, supplier responsibility, diversity and inclusion, and social impact and includes the following recognition:



Corporate Ethics

Our ethics program guides our directors, officers and employees on areas of ethical risk, provides guidelines to help them recognize and deal with ethical issues, provide mechanisms to report potential unethical or illegal conduct and help enhance and formalize our culture of integrity, honesty and accountability. Our ethics program also oversees our global Business Ethics Liaison (BEL) network, which provides critical support in education, training and awareness. The BELs remain important points of contact for questions about the Code of Business Conduct or related policy as well as a reliable resource to report a suspected ethics breach or violation.

ON Semiconductor has been recognized as one of the World's Most Ethical Companies® in 2020, 2019, 2018, 2017, and 2016 by the Ethisphere Institute, a global leader in defining and advancing the standards of ethical business practices. Ethisphere and the World's Most Ethical Companies designation recognize organizations that align principle with action by working tirelessly to make integrity part of their corporate DNA.



Environmental Sustainability

ON Semiconductor is dedicated to annually reducing electricity consumption, water consumption, and carbon emissions. The company has active programs to reclaim or recycle scrap materials and precious metals; reduce the amount of packaging materials being used; and reduce in-transit shipping mileage. The vast majority of the company's product portfolio has been converted to meet industry RoHS standards.

ON Semiconductor maintains memberships in:

- Responsible Business Alliance (RBA) including their Environmental Sustainability and Conflict Minerals groups
- Semiconductor Research Corp's (SRC) global Energy Research Initiative (ERI)
- Carbon Disclosure Project
- Europe's Energy for a Green Society ENIAC JU project
- Power Sources Manufacturers Association (PSMA)
- China Power Supply Society



Responsible Business Alliance
Advancing Sustainability Globally



Sales and Design Assistance from ON Semiconductor

ON Semiconductor Technical Support
www.onsemi.com/support

ON SEMICONDUCTOR INTERNATIONAL SALES OFFICES

GREATER CHINA	Beijing	86-10-6270-1568
	Hong Kong	852-2689-0088
	Shenzhen	86-755-8436-5500
	Shanghai	86-21-6123-8798
	Taipei, Taiwan	886-2-8797-8110
FRANCE	Paris	33 (0) 1 39-26-41-00
GERMANY	Munich	49 (0) 89-93-0808-0
INDIA	Bangalore	91-80-427-74100
ISRAEL	Raanana	972 (0) 9-9609-111
ITALY	Milan	39 02 9239311
JAPAN	Tokyo	81-3-6880-1777
KOREA	Seoul	82-31-786-3700
MALAYSIA	Penang	60-4-6463877
SINGAPORE	Singapore	65-6496-8888
SLOVAKIA	Piestany	421 33 790 2450
THAILAND	Bangkok	66-2-115-0542
UNITED KINGDOM	Bracknell	44 (0)1344 371988

For a comprehensive listing of
**ON Semiconductor Sales Offices, Distributors,
 and Rep Firms, please visit:**

Americas & EMEA: www.onsemi.com/sales
 China: www.onsemi.cn/sales
 Japan: www.onsemi.jp/sales



AMERICAS REP FIRMS

Alabama	Huntsville	ClearComm	(256) 721-0500
Brazil	Countrywide	Ammon & Rizo	(+55) 224688-1960
California	Bay Area	Electec	(408) 496-0706
Canada	Eastern Canada	Astec	(905) 607-1444
Connecticut	Statewide	Paragon Electronic Systems	(603) 645-7630
Florida	Statewide	ClearComm	(256) 721-0500
Georgia	Atlanta	ClearComm	(256) 721-0500
Illinois	Chicago	Matrix Design Technology	(630) 780-9124
Indiana	Statewide	Bear VAI Technology	(440) 526-1991
Iowa	Cedar Rapids	Matrix Design Technology	(319) 362-6824
Kansas	Olathe	Matrix Design Technology	(913) 998-8852
Kentucky	Statewide	Bear VAI Technology	(440) 526-1991
Maine	Statewide	Paragon Electronic Systems	(603) 645-7630
Massachusetts	Statewide	Paragon Electronic Systems	(603) 645-7630
Mexico	Countrywide	Ammon & Rizo	(+52) 333-6419900
Michigan	Statewide	Bear VAI Technology	(440) 526-1991
Minnesota	Eden Prairie	Matrix Design Technology	(952) 400-1070
Mississippi	Statewide	ClearComm	(256) 721-0500
Missouri	Cedar Rapids	Matrix Design Technology	(319) 362-6824
Nebraska	Cedar Rapids	Matrix Design Technology	(319) 362-6824
New Hampshire	Statewide	Paragon Electronic Systems	(603) 645-7630
New Jersey	Statewide	S.J. Metro	(516) 942-3232
New York	Binghamton	TriTech - Full Line Rep	(607) 722-3580
	Jericho	S.J. Metro	(516) 942-3232
	Rochester	TriTech - Full Line Rep	(585) 385-6500
North Carolina	Raleigh	ClearComm	(256) 721-0500
North Dakota	Eden Prairie	Matrix Design Technology	(952) 400-1070
Ohio	Statewide	Bear VAI Technology	(440) 526-1991
Pennsylvania	Western PA	Bear VAI Technology	(440) 526-1991
	Eastern PA	SJ Mid Atlantic	(856) 866-1234
Puerto Rico	Countrywide	ClearComm	(256) 721-0500
Rhode Island	Statewide	Paragon Electronic Systems	(603) 645-7630
South Carolina	Statewide	ClearComm	(256) 721-0500
South Dakota	Eden Prairie	Matrix Design Technology	(952) 400-1070
Tennessee	Statewide	ClearComm	(256) 721-0500
Vermont	Statewide	Paragon Electronic Systems	(603) 645-7630
Wisconsin	Milwaukee	Matrix Design Technology	(262) 389-6790

ON Semiconductor Distribution Partners

Arrow Electronics	www.arrow.com	(800) 777-2776
Avnet Inc.	www.avnet.com	(800) 332-8638
Avnet Silica	www.avnet-silica.com	+49-8121-77702
CEAC International Ltd	www.ceacport.com	(86) 755-8258 3664
Digi-Key Corporation	www.digikey.com	(800) 344-4539
EBV-Elektronik	www.ebv.com	+49-8121-774-0
Framos GmbH	www.framos.com	+49 89 710667-0
Future Electronics	www.futureelectronics.com	1-800-FUTURE1 (388-8731)
Kotech Semicon Co., Ltd.	www.kotechsemi.com	+82-2-557-4335
Macnica, Inc.	www.macnica.com	(81) 45 470 9870
Mouser Electronics, Inc.	www.mouser.com	(800) 346-6873
MT-Systems	www.mt-systems.ru	(7) 812 325 36 85
OS Electronics Co., Ltd	www.oselec.com	(81) 3 3255 5985
Premier Farnell plc	www.farnell.com	(800) 4-NEWARK
RS Components Limited	www.rs-online.com	03457 201201
Ryoden Trading Co., Ltd.	www.ryoden.co.jp/en	(81) 3 5396 6310
SAS Seltech	www.seltech-international.com	+33-1-48-92-90-2
Serial Microelectronics (HK) Ltd	www.serialsystem.com	(852) 2790 8220
Uniquet Corporation	www.uniquet.co.kr	82-31-7089988
World Peace Industries Co. Ltd. (WPI)	www.wpi-group.com	(886) 2 2788 5200
WT Microelectronics Co., Ltd	www.wtmc.com	(852) 2950 0820
Wuhan P&S Information Technology Co., Ltd	www.icbase.com	(86) 27 8156 6668 or 400-800-8051
Yosun Industrial Corp	www.wpgoldings.com/yosung	(886) 2 2659 8168
Rochester Electronics	www.rocelec.com	+1-978-462-9332

World's Most Ethical Companies is a registered trademark of The Ethisphere Institute. All other brand names and product names appearing in this document are trademarks of their respective holders.

ON Semiconductor and the ON Semiconductor logo are trademarks of Semiconductor Components Industries, LLC dba ON Semiconductor or its subsidiaries in the United States and/or other countries. ON Semiconductor owns the rights to a number of patents, trademarks, copyrights, trade secrets, and other intellectual property. A listing of ON Semiconductor's product/patent coverage may be accessed at www.onsemi.com/site/pdf/Patent-Marking.pdf. ON Semiconductor reserves the right to make changes without further notice to any products herein. ON Semiconductor makes no warranty, representation or guarantee regarding the suitability of its products for any particular purpose, nor does ON Semiconductor assume any liability arising out of the application or use of any product or circuit, and specifically disclaims any and all liability, including without limitation special, consequential or incidental damages. Buyer is responsible for its products and applications using ON Semiconductor products, including compliance with all laws, regulations and safety requirements or standards, regardless of any support or applications information provided by ON Semiconductor. "Typical" parameters which may be provided in ON Semiconductor data sheets and/or specifications can and do vary in different applications and actual performance may vary over time. All operating parameters, including "Typicals" must be validated for each customer application by customer's technical experts. ON Semiconductor does not convey any license under its patent rights nor the rights of others. ON Semiconductor products are not designed, intended, or authorized for use as a critical component in life support systems or any FDA Class 3 medical devices or medical devices with a same or similar classification in a foreign jurisdiction or any devices intended for implantation in the human body. Should Buyer purchase or use ON Semiconductor products for any such unintended or unauthorized application, Buyer shall indemnify and hold ON Semiconductor and its officers, employees, subsidiaries, affiliates, and distributors harmless against all claims, costs, damages, and expenses, and reasonable attorney fees arising out of, directly or indirectly, any claim of personal injury or death associated with such unintended or unauthorized use, even if such claim alleges that ON Semiconductor was negligent regarding the design or manufacture of the part. ON Semiconductor is an Equal Opportunity/Affirmative Action Employer. This literature is subject to all applicable copyright laws and is not for resale in any manner.

PUBLICATION ORDERING INFORMATION

LITERATURE REQUESTS

Email Requests to: orderlit@onsemi.com

ON Semiconductor Website: www.onsemi.com

TECHNICAL SUPPORT

North American Technical Support:

Voice Mail: 1 800-282-9855 Toll Free USA/Canada

Phone: 011 421 33 790 2910

Europe, Middle East and Africa Technical Support:

Phone: 00421 33 790 2910

For additional information, please contact your local Sales Representative