

/ POWER  
LINECARD

AVNET<sup>®</sup> SILICA



# / CORE SUPPLIERS

PARTNERING FOR SCALE WITH DEDICATED RESOURCES AND ENHANCED TECHNICAL SUPPORT



# / DELIVERING WHAT'S NEXT IN POWER

Power, it's a requirement for every piece of equipment or product you develop. Sometimes you need AC/DC and/or onboard DC-DC power to drive industrial, communications, healthcare, or lighting systems. Other times you need to maintain long-term power in a portable or remote sensor as part of an Internet of Things (IoT) solution.

And an ongoing shift towards renewable energy sources such as solar, wind, and hydropower, as countries and companies around the world seek to reduce their carbon footprint and mitigate the effects of climate change, means that the technology in power is always changing and advancing.

The important thing is you need to get your power solutions right to get maximum performance. Avnet Silica's experts will help you match technologies aligned with your requirements to deliver the right solution without exceeding your power budget.

## A WIDE SELECTION GIVES YOU THE POWER TO CHOOSE:

Build or buy? Custom design or off-the-shelf supply? These are some of the questions you'll consider as you design power into your system. Avnet's broad offering gives you the ability to weigh the power solution options with our team and decide what works best for you.

Take a look through our linecard to see what's on offer from our range of industry-leading suppliers.

## OUR POWER SERVICES:

- Power Management
- Power Semiconductors
- Power Modules
- Design Support
- Energy Storage
- EV Charging
- Solar Energy
- Industrial Power
- 3-Phase Motors

# / POWER DISCRETES

	SiC Mosfets	IGBT	GaN HEMTs	Silicon Mosfets	SiC Diodes	Thyristors	Rectifier Diodes
Coherent	•						
Diodes	•	•		•	•	•	•
Microchip	•	•		•	•	•	•
Navitas	•		•		•		
Nexperia	•	•	•	•	•		•
onsemi	•	•	•	•	•		•
Panjit	•	•		•	•		•
Renesas		•	•	•		•	
ROHM	•	•	•	•	•		•
STMicroelectronics	•	•	•	•	•	•	•
Torex				•	•		•
WeEn	•	•		•	•	•	•



# / POWER MODULES

	SiC Modules	IGBT Modules	Si Mosfet Modules	Thyristor Modules	Intelligent Power Modules (IPM)
Coherent	•				
Diodes	•				
Microchip	•	•	•		
Navitas	•				
Nexperia		•			
onsemi	•	•	•		•
ROHM	•	•			•
STMicroelectronics	•	•			•
WeEn	•			•	



# / AC/DC

	PFC Controllers	Active Bridge Controllers	Offline Controllers	SR Controllers	Auxiliary Controllers	Lighting	LDO	Passives
Coilcraft								•
Diodes	•		•	•	•	•		
Microchip			•		•		•	
MPS	•	•	•	•		•	•	
Nexperia	•		•	•				
NXP	•	•	•	•	•			
onsemi	•		•	•		•		
Panjit	•	•	•	•				
Renesas	•	•	•	•	•			
ROHM	•		•	•	•			
STMicroelectronics	•		•	•		•		



# / DC/DC

	Controllers	Converters	PMIC	Modules	Power over Ethernet	Lighting	Wireless Charging	Battery Charging	LDO	Passives
Coilcraft										•
Diodes	•	•				•			•	
elmos		•				•			•	
ISSI Lumissil		•				•				
Maxlinear	•	•	•	•		•			•	
Microchip	•	•	•	•	•	•	•		•	
MPS	•	•	•	•	•	•	•	•	•	•
Nexperia		•				•			•	
NXP		•	•			•	•			
onsemi	•	•	•		•	•			•	
Panjit		•							•	
Gorvo		•	•							
Renesas	•	•	•	•		•	•	•	•	
ROHM	•	•	•			•	•		•	
Semtech		•							•	
STMicroelectronics	•	•	•		•	•	•		•	
Torex		•		•					•	



# / POWER CONTROL & ANALOG

	Gate Drivers	Current Sense Amplifiers	Voltage References	Load Switches	Battery Management	Motion Control	Current Sensors	Power Magnetics	EMI/RFI/LC Filters
Coilcraft							•	•	•
Diodes	•		•	•	•	•			
elmos						•			
ISSI Lumissil						•			
Maxlinear			•						
Microchip	•	•	•	•	•	•			
MPS	•	•	•	•	•	•	•		
Nexperia	•								
NXP	•			•	•	•			
onsemi	•	•	•	•	•	•			
Panjit				•		•			
Qorvo					•	•			
Renesas	•	•	•	•	•	•	•		
ROHM	•		•	•	•	•	•		
Semtech				•					
STMicroelectronics	•	•	•	•	•	•			
Torex				•	•				



# OFFICES

## AUSTRIA

Vienna  
Phone: +43 186 642 300  
Fax: +43 186 642 350  
wien@avnet.eu

## BELGIUM

Mereilbeke  
Phone: +32 9 210 24 70  
Fax: +32 9 210 24 87  
gent@avnet.eu

## BULGARIA

Sofia  
sofia@avnet.eu

## CZECH REPUBLIC (SLOVAKIA)

Prague  
Phone: +420 234 091 031  
Fax: +420 234 091 030  
praha@avnet.eu

## DENMARK

Herlev  
Phone: +45 432 280 10  
Fax: +45 432 280 11  
herlev@avnet.eu

## ESTONIA

(LATVIA, LITHUANIA)  
Pärnu  
Phone: +372 56 637737  
paernu@avnet.eu

## FINLAND

Espoo  
Phone: +358 207 499 200  
Fax: +358 207 499 280  
helsinki@avnet.eu

## FRANCE (TUNISIA)

Rennes  
Phone: +33 299 838 485  
Fax: +33 299 838 083  
rennes@avnet.eu

## Illkirch

Phone: +33 390 402 020  
Fax: +33 164 479 099  
strasbourg@avnet.eu

## Massy Cedex

Phone: +33 164 472 929  
Fax: +33 164 470 084  
paris@avnet.eu

## Toulouse

Phone: +33 05 62 47 47  
toulouse@avnet.eu

## Vénissieux Cedex

Phone: +33 478 771 360  
Fax: +33 478 771 399  
lyon@avnet.eu

## GERMANY

Berlin  
Phone: +49 30 214 882 0  
Fax: +49 30 214 882 33  
berlin@avnet.eu

## Freiburg

Phone: +49 761 881 941 0  
Fax: +49 761 881 944 0  
freiburg@avnet.eu

## Hamburg

Phone: +49 40 608 235 922  
Fax: +49 40 608 235 920  
hamburg@avnet.eu

## Holzwickede

Phone: +49 2301 919 0  
Fax: +49 2301 919 222  
holzwickede@avnet.eu

## Kaarst

Phone: +49 2301 919 0  
Fax: +49 2301 919 222  
kaarst@avnet.eu

## Lehrte

Phone: +49 5132 5099 0  
hannover@avnet.eu

## Leinfelden-Echterdingen

Phone: +49 711 782 600 1  
Fax: +49 711 782 602 00  
stuttgart@avnet.eu

## Leipzig

Phone: +49 34204 7056 00  
Fax: +49 34204 7056 11  
leipzig@avnet.eu

## Nürnberg

Phone: +49 911 24425 80  
Fax: +49 911 24425 85  
nuernberg@avnet.eu

## Poing

Phone: +49 8121 777 02  
Fax: +49 8121 777 531  
muenchen@avnet.eu

## Wiesbaden

Phone: +49 612 258 710  
Fax: +49 612 258 713 33  
wiesbaden@avnet.eu

## HUNGARY

Budapest  
Phone: +36 1 43 67215  
Fax: +36 1 43 67213  
budapest@avnet.eu

## ITALY

Cusano Milanino  
Phone: +39 02 660 921  
Fax: +39 02 660 923 33  
milano@avnet.eu

## Firenze

Phone: +39 055 428 2301  
Fax: +39 055 431 035  
firenze@avnet.eu

## Modena

Phone: +39 059 348 933  
Fax: +39 059 344 993  
modena@avnet.eu

## Padova

Phone: +39 049 807 368 9  
Fax: +39 049 773 464  
padova@avnet.eu

## Turin

Phone: +39 011 204 437  
Fax: +39 011 242 869 9  
torino@avnet.eu

## Roma

Phone: +39 02 660 921  
roma@avnet.eu

## LITHUANIA

Kaunas  
lithuania@avnet.eu

## NETHERLANDS

Breda  
Phone: +31 765 722 700  
Fax: +31 765 722 707  
breda@avnet.eu

## NORWAY

Asker  
Phone: +47 667 736 00  
Fax: +47 667 736 77  
asker@avnet.eu

## POLAND

Gdansk  
Phone: +48 58 307 81 51  
Fax: +48 58 307 81 50  
gdansk@avnet.eu

## Katowice

Phone: +48 32 259 50 10  
Fax: +48 32 259 50 11  
katowice@avnet.eu

## Warszawa

Phone: +48 222 565 760  
Fax: +48 222 565 766  
warszawa@avnet.eu

## PORTUGAL

Vila Nova de Gaia  
Phone: +35 1 223 779 502  
Fax: +35 1 223 779 503  
porto@avnet.eu

## ROMANIA (BULGARIA)

Bucharest  
Phone: +40 21 528 16 32  
Fax: +40 21 529 68 30  
bucuresti@avnet.eu

## SLOVAKIA

Bratislava  
Phone: +421 232 242 211  
Fax: +421 232 242 210  
bratislava@avnet.eu

## SLOVENIA

(BOSNIA AND HERZEGOVINA,  
CROATIA, MACEDONIA, MONTENEGRO,  
SERBIA)  
Ljubljana  
Phone: +386 156 097 50  
Fax: +386 156 098 78  
ljubljana@avnet.eu

## SPAIN

Barcelona  
Phone: +34 933 278 530  
Fax: +34 934 250 544  
barcelona@avnet.eu

## Galdàcano, Vizcaya

Phone: +34 944 572 777  
Fax: +34 944 568 855  
bilbao@avnet.eu

## Tres Cantos

Phone: +34 913 727 100  
Fax: +34 916 369 788  
madrid@avnet.eu

## SWEDEN

Sundbyberg  
Phone: +46 8 587 461 00  
Fax: +46 8 587 461 01  
stockholm@avnet.eu

## SWITZERLAND

Rothrist  
Phone: +41 62 919 555 5  
Fax: +41 62 919 550 0  
rothrist@avnet.eu

## TURKEY (GREECE, EGYPT)

Kadikoy Istanbul  
Phone: +90 216 528 834 0  
Fax: +90 216 528 834 4  
istanbul@avnet.eu

## UNITED KINGDOM (IRELAND)

Maidenhead  
Phone: +44 1628 512 900  
Fax: +44 1628 512 999  
maidenhead@avnet.eu

## Stevenage, Herts, Meadway

Phone: +44 1438 788 310  
Fax: +44 1438 788 250  
stevenage@avnet.eu

## ISRAEL

Tel-Mond  
Phone: +972 (0)9 7780280  
Fax: +972 (0)3 760 1115  
avnet.israel@avnet.com

## SOUTH AFRICA

Cape Town  
Phone: +27 (0)21 689 4141  
Fax: +27 (0)21 686 4709  
sales@avnet.co.za

## Durban

Phone: +27 (0)31 266 8104  
sales@avnet.co.za

## Johannesburg

Phone: +27 (0)11 319 8600  
Fax: +27 (0)11 319 8650  
sales@avnet.co.za

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