

/ POWER
LINECARD

AVNET[®] 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		•							•	
Qorvo		•	•							
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				•	•				



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