

AVNET[®] SILICA



POWER LINECARD

/ 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:

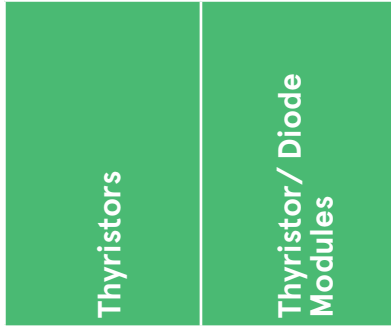
- Power Management
- Power Semiconductors
- Power Modules
- Design Support
- Energy Storage
- EV Charging
- Solar Energy
- Industrial Power
- 3-Phase Motors

/ MODULES

	SiC Modules	MOSFETs	IGBTs	MOSFET Modules	IGBT Modules	IPM Modules
Diodes		•	•			
Microchip	•	•	•	•	•	•
Nexperia		•				
NXP				•		
onsemi	•	•	•	•	•	•
Renesas Electronics		•	•	•		
ROHM Semiconductor	•	•	•	•	•	•
STMicroelectronics	•	•	•	•	•	•
Torex		•				
WeEn	•					



/ THYRISTORS



STMicroelectronics



WeEn



/ DCDC/ACDC

	AC/DC Offline	Power Factor Controllers	Linear & LDO Regulators	DC/DC Controllers	DC/DC Converters	PMIC	DC/DC Modules	LED Drivers & Controllers	Power Over Ethernet/ USB	Digital Power	Wireless Charging
Coilcraft	X	X	X	X	X		X	X	X	X	
Dialog Semiconductor	.			.		.				.	.
Diodes	.	.	.	.	.			.	.
Elmos			.		.			.			
ISSI								.			
Microchip	.	.	.	.	.	.	.	.	.	.
Monolithic Power Systems	.	.	.	.	.	.	.	.	.	.
Nexperia								.			
NXP	.	.	.	.	.	.		.	.	.	.
Octavo Systems					.	.					
onsemi	.	.	.	.	.	.		.	.		.
Qorvo						.					
Renesas Electronics	.	.	.	.	.	.	.	.	.	.	.
ROHM Semiconductor	.	.	.	.	.	.	.	.		.	.
Semtech			.	.	.			.		.	.
STMicroelectronics	.	.	.	.	.	.	.	.	.	.	.
Torex			.	.	.	.	.	.

x: associated components



/ POWER DISCRETES

	High Power WBG (SiC, GaN)	Bipolar Transistors (>1W)	MOSFETs	IGBTs	MOSFET Modules	IGBT Modules	Diodes	ESD Protection & TVS Devices	RF Power
Diodes		•	•	•			•	•	•
Microchip	•		•	•	•	•			•
Nexperia			•				•	•	
NXP					•			•	•
onsemi	•	•	•	•	•	•	•		•
Qorvo									•
Renesas Electronics		•	•	•	•				•
ROHM Semiconductor	•	•	•	•	•	•	•		
Semtech							•	•	•
STMicroelectronics	•	•	•	•	•	•	•	•	•
Torex			•				•	•	
WeEn	•	•					•		



/ POWER CONTROL & ANALOG

	Voltage References	Gate Drivers	Load Switches	Battery Management	Motion Control	Power Magnetics	EMI/RFI/LC Filters
Coilcraft	X	X		X	X	•	•
Dialog Semiconductor			•	•	•		
Diodes	•	•	•	•	•		
Elmos					•		
Microchip	•	•	•	•	•		
Monolithic Power Systems	•	•	•	•	•		
Nexperia			•				
NXP	•	•	•	•	•		
onsemi	•	•	•	•	•		
Qorvo				•	•		
Renesas Electronics	•	•	•	•	•		
ROHM Semiconductor		•	•	•	•		
Semtech	•	•	•	•			
STMicroelectronics	•	•	•	•	•		
Torex		•	•	•			

x: associated components



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