



Manufactured Products By Brand

VISHAY INTERTECHNOLOGY, INC.

The DNA of tech.™

Semiconductor Products	Vishay Semiconductors (incl. General Semiconductor)	Vishay Siliconix
	Die and Wafer (incl. Diodes, Optos)	●
Diodes and Rectifiers		
Diodes		
TVS and ESD Protection	●	
Zener	●	
Small Signal Schottky, Small Signal Switching	●	
RF Pin	●	
Rectifiers		
Bridge	●	
Schottky	●	
Silicon Carbide Schottky	●	
Ultrafast Recovery	●	
Standard and Fast Recovery	●	
Medium and High Power	●	
Discrete Thyristors		
Phase Control Discrete	●	
Fast Discrete	●	
ICs - Power and Linear		
Power ICs		●
Smart Load Switches		●
eFuses		●
microBUCK® Voltage Regulator		●
microBRICK® DC/DC Regulator Module		●
VRPower® DrMOS Power Stage		●
Analog Switches and Multiplexers		●
MOSFETs		
Low Voltage		●
High Voltage		●
Automotive Grade		●
Medical		●
Optoelectronics		
Optocouplers / Isolators	●	
IR Receivers for Remote Control	●	
Optical Sensors	●	
Ambient Light	●	
Proximity	●	
Gesture	●	
Color	●	
Biosensors	●	
Temperature and Humidity	●	
Infrared Emitters	●	
Photo Detectors	●	
LEDs	●	
Solid-State Relays	●	
IrDA® Transceivers	●	
LCD / Plasma / Touch / LED Displays	●	
7-Segment Displays	●	
Power Modules		
Bridge	●	
Diode	●	
IGBT	●	
MOSFET	●	
Thyristor	●	

Passive Products	Vishay BCcomponents	Vishay Beyschlag	Vishay Cera-Mite	Vishay Dale (incl. Thin Film, Huntington, Milwaukee)	Vishay Dale Inductors (incl. HiRel Systems)	Vishay Draloric	Vishay ESTA	Vishay Roederstein	Vishay Sfernice (incl. Spectrol, MCB Industrie, Barry Industries)	Vishay Specialty Thin Film (incl. Applied Thin-Film Products, Electro-Films, UltraSource)	Vishay Sprague	Vishay Vitramon
	Capacitors											
Aluminum Electrolytic	●							●				●
Ceramic	●		●				●	●				●
Energy Storage	●											
Film	●						●	●				
Polymer											●	
Power - Heavy Current							●					
RF Capacitors				●								●
Tantalum											●	
Thin Film				●						●		
Custom Capacitors	●						●	●	●	●	●	
Resistors												
Fixed and Precision	●	●		●			●	●	●	●		
Current Sense Resistors				●								
Power Resistors				●			●		●			
Networks and Arrays		●		●					●	●		
RF Resistors		●		●					●	●		
Thermistors	●		●	●								
Varistors	●		●	●								
Trimmers							●		●			
Rheostats									●			
Panel Potentiometers							●		●			
Custom Resistors	●			●			●		●	●		
Magnetics												
Inductors					●				●	●		
RF Inductors					●					●		
Chokes					●				●			
Custom Magnetics					●				●			
Transformers (incl. Planar)					●				●			
Sensors												
Position									●			
Rotary, Angle									●			
Encoder									●			
Current				●								
Temperature	●	●		●					●			
Other Components												
Chip Antenna												●
Connectors					●							
Crystals					●							
Fuses	●	●		●								
Hybrids and Substrates										●		
Igniters									●			
Oscillators					●							



SEMICONDUCTORS

MOSFETs

MOSFETs

- Low Voltage TrenchFET® Power MOSFETs
- Medium Voltage Power MOSFETs
- High Voltage Planar MOSFETs
- High Voltage Superjunction MOSFETs
- Automotive Grade MOSFETs

ICs

- microBUCK® Voltage Regulators
- microBRICK® DC/DC Regulator Module
- VRPower® DrMOS Integrated Power Stages
- Power Management and Power Control ICs
- Smart Load Switches
- Electronic Fuses
- Analog Switches and Multiplexers

Diodes

Rectifiers

- Schottky Rectifiers
- Silicon Carbide Schottky Diodes
- Ultrafast Recovery Rectifiers
- Standard and Fast Recovery Rectifiers
- High Power Rectifiers / Diodes
- Bridge Rectifiers

Small Signal Diodes

- Schottky and Switching Diodes
- Zener Diodes
- RF PIN Diodes

Protection Diodes

- TVS TRANSZORB® and PAR® Diodes (unidirectional, bidirectional)
- ESD Protection Diodes (including arrays)

Thyristors / SCRs

- Phase Control Thyristors
- Fast Thyristors

Power Modules

- Input Modules (diodes and thyristors)
- Output and Switching Modules (contain MOSFETs, IGBTs, and diodes)
- Custom Modules

Optoelectronic Components

Infrared Emitters and Detectors

Optical Sensors

- Proximity
- Ambient Light
- Light Index (RGBW, UV, IR)
- Temperature and Humidity
- Quadrant Sensors
- Transmissive
- Reflective

Infrared Remote Control Receivers

Optocouplers

- Phototransistor, Photodarlington
- Linear
- Phototriac
- High Speed
- IGBT and MOSFET Drivers

Solid-State Relays

LEDs and 7-Segment Displays

Infrared Data Transceiver Modules

Custom Products

PASSIVE COMPONENTS

Resistors

Film Resistors

- Metal Film Resistors
- Thin Film Resistors
- Thick Film Resistors
- Power Thick Film Resistors
- Metal Oxide Film Resistors
- Carbon Film Resistors

Wirewound Resistors

- Vitreous, Cemented, and Housed Resistors
- Braking and Neutral Grounding Resistors
- Custom Load Banks
- Water Cooled

Power Metal Plate™ Current Sense Resistors

Power Metal Strip® Resistors

Battery Management Shunts

Crowbar and Steel Blade Resistors

Thermo Fuses

Chip Fuses

Pyrotechnic Initiators / Igniters

Variable Resistors

- Cermet Variable Resistors
- Wirewound Variable Resistors
- Conductive Plastic Variable Resistors
- Contactless Potentiometers
- Hall Effect Position Sensors
- Precision Management Encoders

Networks / Arrays

RF and Microwave Resistors

High Voltage Resistors

Dividers

Non-Linear Resistors and Temperature Sensors

NTC Thermistors

PTC Thermistors

Thin Film RTDs

Varistors

Platinum Chip Temperature Sensors

Magnetics

Inductors and Magnetics

- Power Inductors
- Power Chokes
- High Frequency RF Inductors

Transformers

- Medium and Low Power
- Planar
- Pulse
- SMD

Magnetics

- Actuators
- Antenna Coils
- Wireless Charging Coils
- Planar Chokes
- Custom Magnetics

Connectors

Capacitors

Tantalum Capacitors

- Molded Chip Tantalum Capacitors
- Molded Chip Polymer Tantalum Capacitors
- Tantalum MAP Capacitors
- Polymer Tantalum MAP Capacitors
- Coated Chip Tantalum Capacitors
- Solid Through-Hole Tantalum Capacitors
- Wet Tantalum Capacitors

Ceramic Capacitors

- Multilayer Chip Capacitors
- Disc Capacitors
- Multilayer Chip RF Capacitors
- Chip Antennas
- Thin Film Capacitors
- RF Capacitors

Film Capacitors

Power Capacitors

Heavy-Current Capacitors

Aluminum Electrolytic Capacitors

ENYCAP™ Energy Storage Capacitors