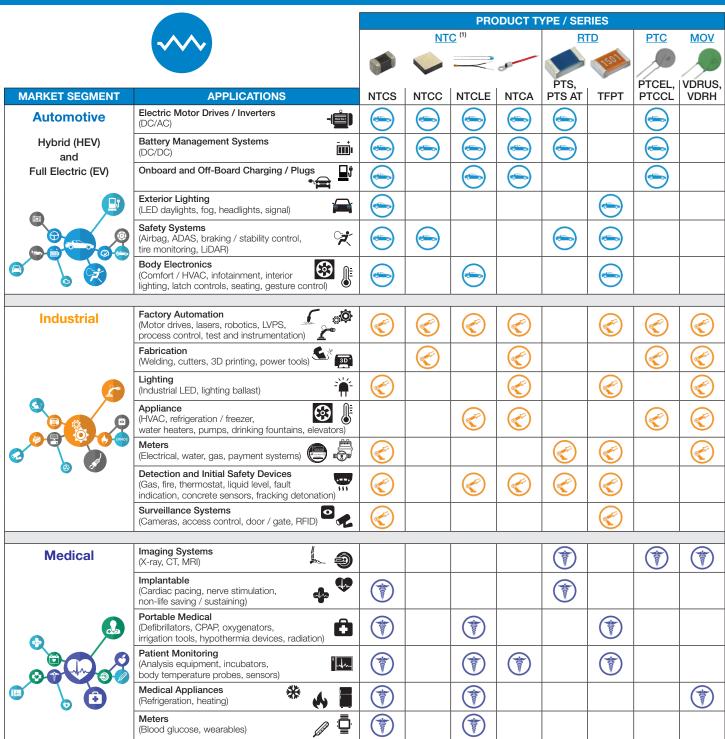


## **APPLICATION MATRIX**

## THERMISTORS / VARISTORS



Note

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Accelerating Product Design Cycles Vishay's Design Tools Complemented with Excellent Technical Support Allows Engineers to Cost Effectively Prove Out Design Concepts through Simulation







<sup>(1)</sup> Customization options available; minimums apply



## **APPLICATION MATRIX**

## **THERMISTORS / VARISTORS**

	PRODUCT TYPE / SERIES								
		NTC (1)				RTD		PTC	MOV
					- B		1501	10	
				l <b>.</b>		PTS,		PTCEL,	VDRUS,
MARKET SEGMENT	APPLICATIONS  Wearable / Consumer Electronics	NTCS	NTCC	NTCLE	NTCA	PTS AT	TFPT	PTCCL	VDRH
Consumer	(Smart watches, fitness bands, e-cigarettes, alcohol testers)								
	Home Entertainment / Automation (Set-top boxes, audio, security systems, smart home (thermostat, lighting, etc.))								
	Toys / Outdoor Equipment (Remote controlled vehicles, tools, battery packs / chargers, fish finders)	<b>(</b>		<b>(</b>					
	e-Bikes / Scooters	<b>(</b>		<b>(</b>					
	Home Appliances (HVAC, cooker, laundry, refrigeration, countertop appliances, water heaters, pool / spa)								<b>(</b>
	Robotic Appliances / Domestic Robots (Robotic vacuums, lawnmowers, companions)				<b>(</b>				
	Lighting (LED, OLED displays, conventional lighting controls)	<b>(</b>	<b>(</b>		<b>(</b>				
A la come a disco	Photovoltaic								
Alternative Energy	(Sensor module, junction box, meter, monitoring)							(4)	(4)
	Wind (System control unit, backup safety system)							<b>(4)</b>	
	Electrical Power Distribution / Grid Stabilization (Smart grid)								
	Thermal Systems								
	Battery Systems - +								
	Inverters								
Avionico Militora	Satellite / GPS								
Avionics, Military, and Space	(Electric motors, gearbox controls, battery systems, gyro navigation, communication)	<b>(1)</b>	<b>(1)</b>	<b>(4)</b>	<b>(1)</b>	<b>(1)</b>			
	Airborne Systems (Engine control units, braking, fuel / oil, battery systems, weapon fusing, radar)	<b></b>		<b>(4)</b>		<b></b>		<b></b>	
	Cockpit / Avionics (HVAC, flight controls, latch controls, fire control, infotainment, interior lighting)					<b></b>			
	UAVs / Drones (Engine control units, electric motors, flight controls, battery systems)	<b></b>		<b>(4)</b>	<b></b>	<b></b>	<b></b>		

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