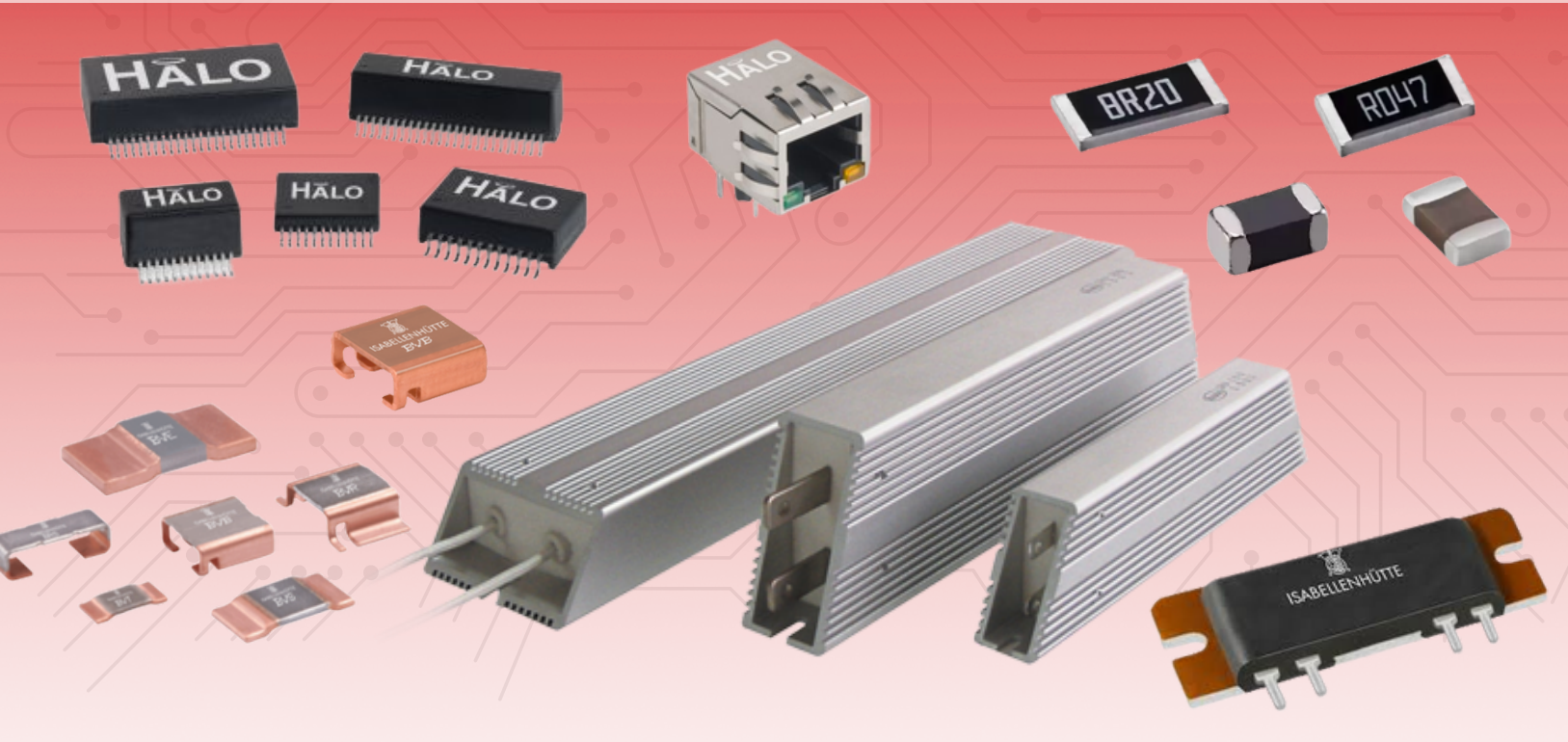


TESTCO

A PEI-Genesis Company

PASSIVES AT A GLANCE

DESIGN-READY PASSIVE TECHNOLOGIES FOR RELIABLE, HIGH-PERFORMANCE SYSTEMS



Testco offers a comprehensive portfolio of passive and passive-adjacent components engineered to support power integrity, signal conditioning, and reliable system operation across demanding applications. Our lineup includes **Ethernet and power magnetics** from Halo Electronics for high-speed data and isolation; **precision shunt, braking, and pre-charge resistors** from Isabellenhütte for accurate current sensing and energy management; and a broad range of **resistors, capacitors (MLCC), inductors, and ferrites** from Viking Tech for robust power and signal designs.

APPLICATIONS

INDUSTRIAL AUTOMATION & CONTROLS • MEDICAL DEVICES & DIAGNOSTICS • SEMICONDUCTOR EQUIPMENT • AI / DATA INFRASTRUCTURE • POWER SUPPLIES & POWER CONVERSION • MOTOR DRIVES & MOTION CONTROL • ENERGY STORAGE & EV SYSTEMS • NETWORKING & INDUSTRIAL ETHERNET • TEST & MEASUREMENT



WHO YOU MIGHT BE USING: VISHAY, PANASONIC, OHMITE, YAGEO, TDK, TO NAME A FEW

SCAN TO
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CATEGORY	KEY FEATURES	APPLICATIONS	SUPPLIERS
 Ethernet Magnetics & LAN Transformers	<ul style="list-style-type: none"> • Signal isolation • EMI suppression • Impedance matching • PoE support • IEEE Ethernet compliance 	<ul style="list-style-type: none"> • Data centers • AI/ML compute • Industrial Ethernet • Networking equipment 	<ul style="list-style-type: none"> • Halo Electronics
 Power Magnetics & Common-Mode Chokes	<ul style="list-style-type: none"> • Noise reduction • Galvanic isolation • High-frequency performance • Compact footprints 	<ul style="list-style-type: none"> • Power supplies • Embedded systems • Industrial electronics 	<ul style="list-style-type: none"> • Halo Electronics
 Precision Current Sense (Shunt) Resistors	<ul style="list-style-type: none"> • Ultra-low resistance values • High accuracy • Low TCR • High power dissipation • Long-term stability 	<ul style="list-style-type: none"> • Motor drives • Power conversion • EV/energy systems • Industrial automation 	<ul style="list-style-type: none"> • Isabellenhütte
 Braking & Pre-Charge Resistors	<ul style="list-style-type: none"> • High energy absorption • Pulse-rated • Robust thermal performance • Customizable assemblies 	<ul style="list-style-type: none"> • Servo drives • Inverters • Industrial motion control • Energy storage 	<ul style="list-style-type: none"> • Isabellenhütte
 Thick & Thin Film Chip Resistors	<ul style="list-style-type: none"> • Wide resistance range • High reliability • Automotive & industrial grades • Compact SMD packages 	<ul style="list-style-type: none"> • Industrial electronics • Consumer devices • Embedded control boards 	<ul style="list-style-type: none"> • Viking Tech
 Current Sense & High-Power Resistors	<ul style="list-style-type: none"> • High power ratings • Low ohmic values • Stable performance under load • Surface-mount and leaded options 	<ul style="list-style-type: none"> • Power management • Battery systems • Industrial power supplies 	<ul style="list-style-type: none"> • Viking Tech
 Capacitors (MLCC)	<ul style="list-style-type: none"> • High capacitance density • Low ESR • Wide voltage range • Small form factors 	<ul style="list-style-type: none"> • Power decoupling • Signal conditioning • Industrial & consumer electronics 	<ul style="list-style-type: none"> • Viking Tech
 Inductors & Ferrite Components	<ul style="list-style-type: none"> • EMI suppression • Energy storage • Compact designs • High current handling 	<ul style="list-style-type: none"> • DC-DC converters • Noise filtering • Power circuits 	<ul style="list-style-type: none"> • Viking Tech

Looking for Sensors?

Complementing these passives, Testco also supports sensing technologies widely used in industrial, medical, and semiconductor equipment, including **proximity sensors, TMR magnetic sensors, and Hall-effect proximity sensors** - enabling precise position and presence detection without mechanical wear.

View our full sensor offering here:

[Sensors at a Glance](#)

