

Milwaukee Electronics Supply Chain News

March 2026

Welcome to Our Supply Chain Update Newsletter

By Gary DeGrave, Corporate Materials Director

We are once again seeing pricing pressure and supply chain volatility in the electronic component market. We've added this monthly newsletter to provide our customers with transparency in the market trends we are observing. Strong demand, rising raw material costs, and ongoing semicon-

ductor capacity investments are the primary drivers of price increases and market volatility.

Several major manufacturers—including Infineon, Analog Devices, Texas Instruments, Vishay, Bourns, and KYOCERA AVX—have announced price increases across multiple product categories.

Increasing costs for key metals such as

copper, gold, silver, and aluminum are contributing to higher manufacturing costs across semiconductors, passive components, and electromechanical products.

While overall availability has improved compared to peak shortage conditions, cost increases and selective supply constraints remain key considerations for customers throughout 2026.

Major Manufacturer Price Increase Announcements

Infineon Technologies has announced price increases effective April 1, 2026, affecting power switches and power IC products.

Analog Devices has implemented price adjustments across portions of its analog and power management portfolios.

Texas Instruments has issued pricing updates impacting analog ICs, embedded

processors, and power management devices.

Vishay has announced pricing increases affecting discrete semiconductors, resistors, and power components.

Bourns has implemented price adjustments impacting protection devices, magnetics, and resistive components.

KYOCERA AVX has issued pricing increases across portions of its capacitor and passive component portfolio.

Table 1. has a list of the increases we've seen announced in mid-March.

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Manufacturer	Category	Effective Date	Increase	Notes on drivers
Amphenol	Connectors (gold-plated series)	2026 (ongoing)	Not specified yet	Precious metal cost pressure
Analog Devices (ADI)	Analog ICs	Feb 1, 2026	~15% avg (up to 30%)	Broad global increase
Hirose	Connectors	2026 (ongoing)	Not specified	High-speed + metal cost impact
Honeywell	Sensors / Industrial Components	Apr 1, 2026	~3.5% surcharge + additional increases	Precious metal surcharge model
Infineon Technologies	Power Semiconductors	Apr 1, 2026	~15%–30%	Analog & MOSFET focused
Littelfuse	Protection Devices / Discretes	2026	~15%	Pending increase notice
Molex	Connectors	Jan 2026	~10%+	Higher-cost / U.S.-made products impacted
Murata	MLCC / Inductors / Ferrite Beads	Apr 2026	Mid to double-digit %	MLCC + magnetics increase
NXP Semiconductors	MCU / Analog	Apr 1, 2026	~5%–15%	Selective adjustments
Onsemi	Power / Analog	2026 (selective)	~10%–20%	Selective pricing adjustments
Panasonic	Tantalum Capacitors	Feb 1, 2026	~15%–30%	Polymer tantalum impacted
Renesas Electronics	MCU / Analog	Jul 1, 2026	~5%–50%	Portfolio-wide adjustment
Samsung / SK hynix / Micron	DRAM / NAND Memory	Early 2026	~40%–80%+	AI-driven demand
Samsung Electro-Mechanics	MLCC	Apr 2026 (expected)	~10%+	High-end MLCC pressure
Sunlord / Fenghua	Inductors / Ferrite Beads	Jan 2026	Mid-single to low double-digit %	Magnetics increases
TDK	Inductors / Passives	2026 (ongoing)	Double-digit %	Strong magnetics demand
TE Connectivity (TYCO)	Connectors / Relays	2026	~10%	Industrial, lighting, connectors impacted
Taiyo Yuden	MLCC / Inductors	2026 (ongoing)	Not specified	MLCC + magnetics cycle
Texas Instruments (TI)	Analog / Power	Apr 1, 2026	~15%–85%	Large increases on select products
Vishay	Diodes / Rectifiers	Mar 1, 2026	~12%–30%	Discretes-focused increases
Yageo / KEMET / KYOCERA AVX	Tantalum / Inductors	Q1–Q2 2026	~15%–30%	Tantalum + magnetics
Yageo / Pulse	Inductors / Ferrite Beads	Jan–Feb 2026	~15%–20%	Magnetics-specific increases

Table 1. Mid-March 2026 announced increases.

Increases

(Continued from page 1)

We are also seeing lead-times stretch across a broader range of commodities. Table 2 shows the trends in lead-times and constraints that we are seeing. Fabs are currently prioritizing high-margin AI and automotive silicon, tightening supply for all other sectors.

Manufacturer	Category	Current Lead Time Status
Xilinx (AMD)	FPGA	Critical: 24–52 weeks; high-end parts on severe allocation.
Lattice	FPGA	Critical: 52+ weeks for most product lines.
Onsemi	MOSFET/PMIC	Extended: 18–40 weeks; some parts reaching 46+ weeks.
ADI	Analog/Signal	Extended: 20–39 weeks.
Altera (Intel)	FPGA	Constrained: Availability remains tight through mid-2026.

Table 2. Lead-time/constraint trends.

Table 3 shows price trends by commodities.

General commodity	Category	Effective Date	Increase	Notes on drivers
General Semiconductor Market	Analog / Power / MCU	2026	~5%–30%+	Driven by 8-inch capacity constraints, rising fab costs
General Discrete Semiconductor Market	Diodes / MOSFETs	2026	~10%–30%	Ties to Vishay, Littelfuse, Infineon
General Memory Market	DRAM / NAND	2026	~40%–80%+	AI / data center demand driving sharp increases
General MLCC Market	Ceramic Capacitors	2026	~10%–30%+	Tight supply, high-end demand, miniaturization constraints
General Magnetics Market	Inductors / Ferrite Beads	2026	~10%–30%+	Silver cost + AI/EV demand
General Tantalum Market	Tantalum Capacitors	2026	~15%–30%	Raw material + supply constraints
General Connector Market	Connectors w/ plated contacts	2026	~5%–15%	Gold, palladium, and metal inflation
General Electromechanical Components	Relays / Switches	2026	~5%–15%	Ties to TE Connectivity, Honeywell
General Solder Market	Tin/Silver Alloys	2026	~10%–25%	Tin, silver, copper cost increases
General Passive Components Market	Resistors / Inductors / Capacitors	2026	~5%–25%	Broad material + demand-driven inflation

Table 3. Price increase trends across commodities.

Making Sense of the Drivers of Increased Cost

Rising costs for key metals used in electronics manufacturing are a significant contributor to recent component price increases.

Raw Material

Copper, gold, silver, and aluminum are essential materials used in semiconductors, connectors, passive components, and thermal management products.

These material cost increases are expected to continue influencing component pricing throughout 2026.

Industrial Demand

The rapid expansion of artificial intelligence infrastructure is driving significant demand for semiconductors and power management components.

Continued growth in automotive electrification, industrial automation, robotics and renewable energy systems is contributing to sustained demand across multiple component categories.

Component Availability

Semiconductor availability continues to improve overall; however, selective constraints remain in power semiconductors and analog devices.

Passive component availability remains generally stable, though cost pressures continue.

Electromechanical components remain widely available but are affected by rising metal costs.

Proactive Supply Chain Planning Tips

In the current market, transparency and proactive supply chain planning are critical. Our team is proactively working with your teams.

Our program managers are working with individual customers to identify problem components. In this type of market 12-18 month forecasts are valuable in helping us

keep supply chain partners informed of future demand. Inform our program managers of new products as early as possible.

Place orders early for critical components to secure supply.

Evaluate alternate components where

applicable. If our team suggests options, please approve as quickly as possible.

Maintain close communication with supply chain partners. In some cases, suppliers are prioritizing supply by product type, making appropriate classification necessary.

Market Outlook for 2026 and Our Commitment

In summary, the electronic component market is transitioning toward greater stability but continues to face structural cost pressures.

Strong demand driven by AI, automotive, and industrial automation/robotic sectors is expected to continue and as is now extending across a broader range of components.

Proactive supply chain planning remains

essential for managing cost and availability risks.

We continue to actively monitor global supply chain conditions, manufacturer pricing, and component availability.

While we are doing our best to identify strategies for mitigating material cost increases, please be aware that if material cost increase is unavoidable, cost increases will be passed along.

Our team remains committed to supporting your production requirements with reliable sourcing, strategic planning, and supply chain expertise.

This monthly supply chain newsletter is one of the tools we are using to help our customers stay abreast of market trends and better navigate the challenges present in a volatile materials market.

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