Q4 2025

Market Insights

Rebound Electronics

Global Semiconductor Market Insights

Executive Summary

The semiconductor industry closed 2025 on a trajectory of sustained growth, underpinned by robust demand across key technology sectors, ongoing supply-chain realignment, and strategic capital expenditure in fabrication capacity. Global market expansion continues to be driven by artificial intelligence (AI) computing, electrification of transportation, advanced manufacturing investments, and regional policy interventions supporting technological sovereignty. According to recent forecasts, the global semiconductor market is projected to grow by approximately 15% in 2025, extending solid momentum into Q4 and positioning the industry for continued expansion into 2026 and beyond.

Global Market Overview

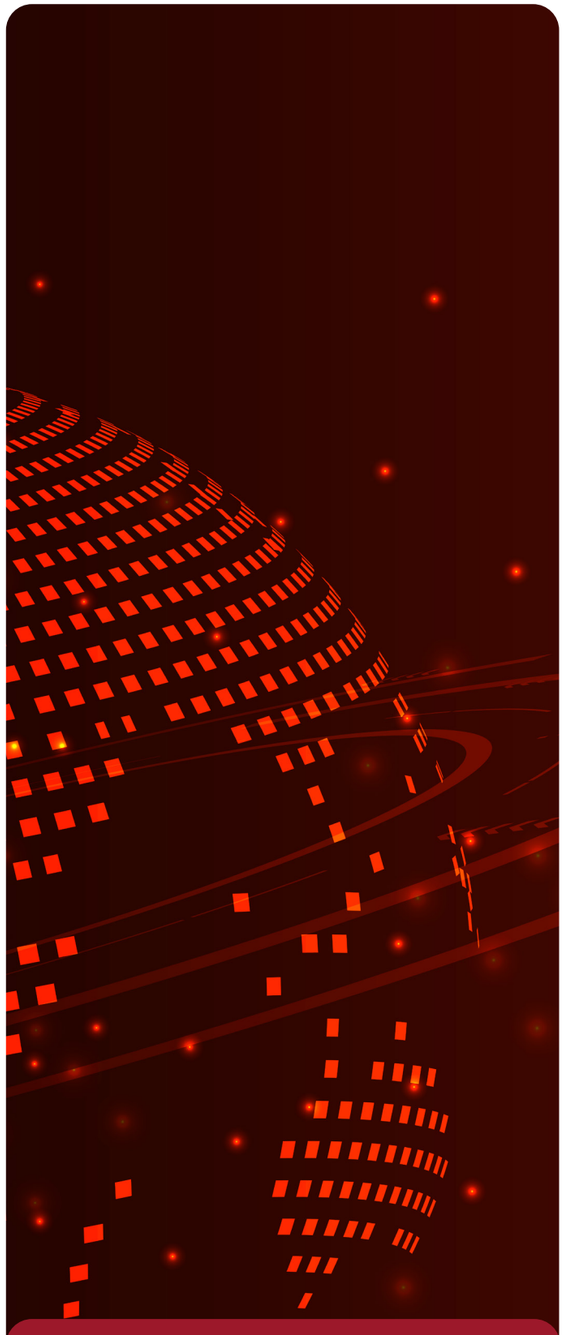
Global semiconductor sales remained strong in Q4 2025, reflecting broad-based end-market demand. Growth was propelled by memory and logic segments, buoyed by increased AI infrastructure deployment and compute-intensive workloads. Memory demand, particularly high-bandwidth memory (HBM) for AI accelerators, continued to surge, driving elevated DRAM and 3D NAND sales in 2025.

Key macro trends include:

AI and HPC Demand: Cloud data centres and AI workloads remain the principal growth engines, pushing demand for advanced logic and memory technologies.

Advanced Packaging & Heterogeneous Integration: With transistor scaling limits approaching, industry focus has shifted to 2.5D/3D packaging and chiplet architectures to sustain performance gains.

Memory Supply Realignment: A structural memory supply shortage persists, a result of capacity reallocation to high-value memory products for AI infrastructure, leading to pricing power in DRAM and NAND segments.



"GLOBAL SEMICONDUCTOR MARKET IS PROJECTED TO GROW BY APPROXIMATELY 15% IN 2025"

Memory Market

In Q4 2025, the global memory market tightened further as suppliers reallocated capacity towards higher-margin AI-related products, notably High Bandwidth Memory (HBM), significantly reducing availability of conventional DRAM, NAND and storage solutions for enterprise and commercial markets. This structural supply shift has driven sharp pricing escalation across memory and HDD segments, with both contract and spot prices rising rapidly and further increases anticipated into early 2026. According to Rebound Electronics Market Intelligence, manufacturers are increasingly selective on allocations, with some suppliers pausing quotations amid acute supply constraints. Overall, market conditions indicate sustained upward pricing pressure, with short-term increases expected to reach unprecedented levels.

"CONDITIONS INDICATE SUSTAINED UPWARD PRICING PRESSURE, WITH SHORT-TERM INCREASES EXPECTED TO REACH UNPRECEDENTED LEVELS."

Key Market Intelligence Highlights (Rebound Electronics)

5-10%

Seagate: 5-10% increases on Enterprise HDDs; 2-7% increases on Surveillance HDDs.

2-6%

Toshiba: 2-6% price increases across Enterprise and Surveillance HDD portfolios.

Micron: No pricing changes this week; quotations temporarily restricted.

24%

Kioxia: Announced price increases of approximately 24%

29%

Solidigm: Implemented price increases of around 29%

45%

SanDisk: Price increases of up to 45%, driven by acute memory supply shortages.

Global memory supply remains constrained as Samsung, SK Hynix and Micron prioritise AI-centric memory production, reducing availability of traditional DRAM and NAND.

70%

Contract and spot prices for DDR-based DRAM and NAND flash have risen sharply through late 2025, with further increases of up to 70% expected in the near term.

Regional Performance Analysis

Asia-Pacific

Asia-Pacific continues to dominate semiconductor manufacturing and revenue share, accounting for the largest portion of global semiconductor production and capacity. Taiwan, South Korea, China, and Japan remain the core hubs, with Taiwan especially dominant in advanced foundry capacity and South Korea leading in memory fabrication according to a report from Modor Intelligence.

Key highlights

China: Despite export control headwinds, China has invested heavily in mature and emerging semiconductor capabilities, including upgrades to chip production systems to bolster domestic output.

New Fab Activity: Several new fabrication facilities are slated to begin construction regionally, including significant projects in Taiwan and Southeast Asia, indicating ongoing capacity expansion.

ASEAN Semiconductor Growth: The ASEAN region is emerging as a diversification node in global supply chains, with rising foundry and packaging investments.

North America

North America witnessed outsized growth in semiconductor sales and investment throughout 2025. The region benefits from strong demand for compute-centric chips and sizeable public funding initiatives under the CHIPS and Science Act, stimulating domestic manufacturing expansion and advanced R&D.

Notable developments

- New capacity, including advanced-node fabs below 7 nm, is being prioritised in the U.S. to reduce reliance on external supply chains and catalyse innovation.
- Record semiconductor equipment orders, driven by AI adoption, underscore mounting capital expenditure on wafer fab tools and lithography segments.

Europe

Europe's semiconductor industry experienced uneven growth compared to Asia and North America, with particular emphasis on automotive and industrial applications. The European Chips Act has accelerated domestic production initiatives, particularly in automotive and mature node segments, yet overall growth rates in Q4 remained moderate.

End-Market Sector Insights

Consumer Electronics

Consumer electronics continues to recover post-pandemic, stimulated by next-generation mobile devices, smart infrastructure, and IoT deployments. Demand for RF transceivers, sensors, and connectivity chips underpins this expansion, especially in emerging markets.

Electric Vehicles (EV) & Automotive

The automotive semiconductor segment is expanding rapidly, supported by electrification, autonomous systems, and vehicle-to-everything (V2X) connectivity. EV-specific semiconductors-especially wide-bandgap materials like silicon carbide (SiC) and gallium nitride (GaN)-are critical for power management, fast charging, and traction applications, securing strong demand into 2026.

Regional growth patterns reflect Asia-Pacific's lead, followed by robust contributions from North America and Europe as automotive OEMs integrate advanced driver-assistance systems (ADAS) and electrified powertrains.

Defence & Aerospace

Semiconductors for defence and aerospace maintained strategic importance amid geopolitical tensions, with demand for secure, high-reliability chips in communications, radar, and avionics systems driving targeted investment. Nations are increasingly prioritising secure supply chains for defence microelectronics.

Healthcare & Industrial Systems

Healthcare applications, particularly diagnostic imaging, portable medical devices, and connected health solutions, are generating steady demand for specialised embedded and analog chips. Industrial automation and robotics further support semiconductor uptake, linked to smart manufacturing and 5G-enabled sensor networks.

"FAST CHARGING, AND TRACTION APPLICATIONS, SECURING STRONG DEMAND INTO 2026"

Manufacturing & Fab Expansion

Capital expenditure on semiconductor fabrication and equipment remained a headline theme in Q4 2025. Globally, 18 new fab projects are set to break ground in 2025, spanning multiple regions and technology nodes-including both 200mm and 300 mm wafer facilities-underscoring industry commitment to capacity growth and geographic diversification.

Key Highlights

- ~18 new fab projects planned globally in 2025, across 200 mm and 300 mm wafers.
- North America: Advanced and speciality fabs supported by public funding.
- Asia-Pacific: Continued expansion of mature and specialised capacity.
- Europe & Middle East: Selective fab investments to improve regional resilience.
- Texas Instruments: Ongoing 300mm fab expansion for analogue and embedded products.
- Infineon: Accelerated power and SiC capacity to support EV and electrification demand.

Simultaneously, semiconductor manufacturing equipment demand remains robust, with projected increases in wafer fab equipment (WFE) sales driven by both advanced and mainstream technologies.

Key Highlights Worldwide

- Rapid expansion of data-centre and cloud infrastructure, particularly for AI-intensive workloads.
- Growing adoption of AI-enabled personal computing and enterprise endpoints.
- North America driving hyperscale investment; Asia-Pacific leading manufacturing and digitalisation; EMEA focusing on hybrid cloud strategies.
- Increased demand for GPU/accelerator-equipped servers and high-capacity storage systems.
- Custom silicon development and energy-efficient compute solutions emerging as strategic priorities.

Computing Insights

Quarter 4 2025 demonstrated continued strength in the global computing sector, with AI-driven workloads, cloud expansion, and high-performance infrastructure investments as the primary growth drivers. Data-centre deployments surged, reflecting demand for GPU-accelerated servers and scalable storage to support AI, analytics, and enterprise workloads (according to industry forecasts). Personal computing and endpoint devices also evolved, with AI-capable systems gaining traction for enterprise productivity and decision support. Regionally, North America led in investment and innovation, Asia-Pacific maintained robust growth through local digitalisation initiatives, and EMEA focused on hybrid cloud adoption. Looking ahead, energy efficiency, custom silicon, and integrated AI solutions will continue to shape competitive positioning and investment priorities.

Risks & Forward Outlook

Despite solid fundamentals, the industry faces structural challenges:

Supply-chain fragmentation due to trade restrictions and export policies could hamper integrated global operations.

Talent shortages and raw material constraints may limit near-term production scalability.

Inventory realignment in memory markets introduces pricing volatility and necessitates adaptive supply strategies.

Looking ahead, 2026 and beyond are expected to maintain growth, with diversification of regional supply ecosystems and continued innovation in AI, automotive electrification, and industrial applications acting as key drivers.

Largest Companies by Market Capitalization in the Industry (Q4 2025)

01	NVIDIA	$4.597T
02	TSMC	$1.657T
03	Broadcom	$1.648T
04	Samsung	$628.65B
05	ASML	$451.71B
06	AMD	$363.81B
07	Micron Technology	$355.00B
08	SK Hynix	$332.49B
09	Lam Research	$233.36B
10	Applied Materials	$214.19B

Company Specific Updates

AMD

- AMD struck a landmark multi-year AI chip supply agreement with OpenAI - committing to provide up to 6 gigawatts of GPU compute and offering OpenAI the option to acquire about a 10% stake, a deal that propelled AMD's stock sharply higher and underscored its growing role in global AI infrastructure.
- AMD reported strong third-quarter 2025 earnings that beat expectations, reflecting robust demand across its CPU and GPU products and reinforcing investor confidence ahead of year-end AI growth catalysts.
- In December 2025, AMD's CEO met with China's Commerce Minister in Beijing to discuss business development and cooperation in the Chinese market amid broader semiconductor industry geopolitical dynamics.

Analog Devices

- Analog Devices and ASE Technology Holding agreed on a strategic collaboration to transfer ADI's Penang, Malaysia manufacturing facility to ASE and co-invest in expanding its capacity while entering into a long-term supply agreement to enhance packaging/testing operations.
- On November 3, 2025, Analog Devices unveiled CodeFusion Studio™ 2.0, a major upgrade to its embedded AI development platform with integrated AI workflows and expanded multicore support to accelerate deployment across its processors and microcontrollers.
- Reports in late 2025 indicated broad analog semiconductor price trend shifts and longer lead times for certain ADI components, reflecting industry-wide supply and demand dynamics influencing pricing and availability of analog ICs.
- Analog Devices reportedly notified customers of a planned 10–30 % price increase on products effective February 2026, aligning with sector peers and highlighting pricing power amid strong semiconductor demand.

Broadcom

- Broadcom partnered with OpenAI to supply custom AI accelerators at multi-gigawatt scale.
- Broadcom launched new AI networking products including Tomahawk 6 and co-packaged optics.
- Broadcom expanded cloud partnerships and introduced Gen 8 quantum-safe SAN switches.

Diodes Inc.

- Diodes launched the automotive-compliant PI2DPT1021Q 10 Gbps retimer for USB/DisplayPort connectivity in vehicles.
- Diodes expanded its automotive component lineup with new ultra-low VCE(sat) bipolar transistors and other automotive-focused power and control devices.
- Diodes introduced the AP61406Q 5.5 V, 4 A I²C synchronous buck converter to boost efficiency and reduce BOM in compact automotive power-load designs.

Infineon

- Infineon launched an industry-first radiation-hardened buck controller with integrated gate drive for space and extreme-environment power systems.
- Infineon partnered with SolarEdge to develop highly efficient solid-state transformer (SST) power infrastructure for next-generation AI data centers.
- Infineon supplied customized silicon carbide power modules to Electreon for dynamic wireless EV charging on electric roads.

Intel

- Intel launched global Intel Experience AI PC retail activations with partners like Best Buy, Curry's, Media Markt, and Coupang to showcase new AI-powered devices.
- Intel and Tata Electronics formed a strategic alliance to explore local manufacturing, packaging, and scalable AI PC solutions in India's emerging semiconductor ecosystem.
- The U.S. FTC cleared Nvidia's $5 billion investment in Intel, solidifying a strategic partnership with potential implications for Intel's AI and foundry business.

Kyocera

- Kyocera began a collaboration with the iPrint Institute to expand its inkjet technology into new industrial applications like 3D printing and printed electronics.
- Kyocera announced new ultra-compact, ultra-low-voltage KC1210A Series clock oscillators for energy-efficient smartphone and wearable designs.
- Kyocera partnered with Utility Global to scale manufacturing of H2Gen® electrochemical cells for decarbonization of industrial sectors.

Lattice

- Lattice launched the MachXO5-NX TDQ FPGA family with post-quantum cryptography support, the industry's first secure control FPGAs with CNSA 2.0 compliance.
- Lattice's collaborative Edge AI solution with NVIDIA was named "AI Edge Solution of the Year," highlighting their joint sensor-to-compute platform for real-time intelligent systems.
- Lattice released an enhanced sensAI™ solution stack with expanded AI model support and deployment flexibility for edge applications.

Murata

- Murata completed a new production building in Batangas, Philippines, expanding global MLCC manufacturing capacity.
- Murata and QuantumScape advanced their joint development agreement to scale production of ceramic separators for solid-state batteries.
- Murata plans to begin mass production of AI server power modules in 2026 to support growing cloud infrastructure demand

Nexperia

- Nexperia's Dutch parent suspended wafer shipments to its Chinese assembly plant in late October due to internal contractual disputes and governance tensions.
- In November, Nexperia's global management issued an open letter urging its Chinese entities to resume structured dialogue to restore predictable supply chain flows and intercompany cooperation.
- In December, Nexperia's China unit secured local silicon wafer supplies from Chinese firms to fully support its 2026 production of key IGBT power chips amid ongoing separation from the Dutch parent.

NVIDIA

- NVIDIA teamed with the U.S. Department of Energy and industry partners to build advanced AI infrastructure with multi-exaflop supercomputers and an NVIDIA AI Factory blueprint using Vera Rubin systems.
- NVIDIA began shipping DGX Spark, the world's smallest AI supercomputer, with major OEM partners to expand access to powerful AI computing.
- NVIDIA joined the U.S. DOE's "Genesis Mission" AI collaboration with major tech partners to supply accelerated computing and AI models for national labs and scientific research.

NXP

- NXP completed acquisitions of Aviva Links and Kinara to advance automotive connectivity and AI at the intelligent edge.
- NXP announced plans to relocate its headquarters to Hamburg Bahrenfeld, expanding its European corporate presence.
- NXP hosted global NXP Technology Days across Asia, Europe, and the U.S., showcasing product innovations and engineering workshops.

Onsemi

- onsemi unveiled breakthrough vertical GaN power semiconductors to boost efficiency and power density for AI, EV, and energy systems.
- onsemi signed a strategic collaboration with GlobalFoundries to co-develop and manufacture advanced 650 V GaN power devices on a 200 mm GaN-on-silicon platform.
- onsemi and FORVIA HELLA expanded their long-term partnership to adopt onsemi's PowerTrench® T10 MOSFET technology across advanced automotive platforms.

Panasonic

- Panasonic is building a new P3B factory in Laguna, Philippines, to expand manufacturing of fans, refrigerators, and washing machines.
- Panasonic showcased and expanded autonomous factory and smart SMT manufacturing solutions with global partners at Productronica 2025 events.
- Panasonic announced it will exhibit AI-driven data-center power, materials, and semiconductor packaging innovations at CES 2026

Rapidus

- Rapidus was selected by the Japanese government as the official business operator to lead stable production and development of high-speed semiconductors under national policy.
- Rapidus announced plans to build a second cutting-edge semiconductor fab in Hokkaido targeting 1.4 nm chip production by 2029.
- At SEMICON Japan, Rapidus unveiled a prototype glass interposer for advanced AI chips aimed at lowering costs and advancing next-gen packaging technologies

Renesas

- Renesas announced support for an 800 V DC AI data-center architecture with its next-generation power semiconductors.
- Renesas partnered with India's Ministry of Electronics & IT to drive semiconductor innovation and expanded its Bengaluru and Noida offices/R&D hubs.
- Renesas' expanded Bengaluru facility became its largest site in India, reinforcing its global engineering footprint and India semiconductor ecosystem role.

Samsung

- Samsung and NVIDIA launched a new AI-powered "megafactory" platform integrating AI into semiconductor manufacturing with more than 50,000 GPUs.
- Samsung's advanced 2 nm Gate-All-Around chip production ramped into mass volume, strengthening its foundry leadership for next-gen AI, mobile and HPC chips.
- Samsung significantly increased contract prices for DDR5 memory chips amid severe supply shortages, reflecting sharp price trends in the memory market.

Siemens

- Siemens and Samsung C&T launched a global partnership to deliver future-ready infrastructure solutions across Saudi Arabia, Thailand, and Canada.
- Siemens Digital Industries Software signed a technology partnership with NEC to integrate advanced robot 3D simulation and digital twin solutions for smart factories worldwide.
- Siemens introduced eHGV electric heavy goods vehicles into its UK and Ireland logistics operations via a collaboration with Kuehne + Nagel.

ST Microelectronics

- STMicroelectronics and SpaceX celebrated a decade-long partnership powering Starlink connectivity with co-designed chips manufactured across France, Malta, and Malaysia.
- STMicroelectronics expanded sustainable industrial infrastructure in Singapore with SP Group to deploy the city-state's largest district cooling system at its semiconductor facilities.
- STMicroelectronics introduced the new GANSPIN GaN IC platform, cutting motor drive system footprints and enabling more efficient power electronics applications.

Toshiba

- Toshiba verified industry-first 12-disk stacking technology for 3.5-inch HDDs, enabling plans for 40 TB data-center drives and boosting storage density roadmaps according to Tom's Hardware.
- Toshiba launched the TCD2400DG lens-reduction CCD linear image sensor for high-speed industrial image inspection applications, starting shipments in December 2025.
- Toshiba introduced Siemens EDA electronic design automation tools into its semiconductor design workflows to accelerate next-generation power and analog device development.

Texas Instruments

- Texas Instruments opened a new assembly and test factory in Melaka, Malaysia to expand manufacturing of analog and embedded chips.
- Texas Instruments began production at its newest 300 mm wafer fab in Sherman, Texas, significantly boosting U.S. semiconductor manufacturing capacity.
- TI's planned U.S. semiconductor expansion includes a multi-fab strategy partnering with major tech firms to support foundational chip supply chains.

TSMC

- TSMC began construction on its new 1.4 nm fab in Taichung as part of Fab 25 capacity expansion to meet accelerating AI and advanced chip demand.
- Reports indicate TSMC is planning up to 12 new advanced wafer and packaging fabs in Taiwan to alleviate tight 3 nm/2 nm capacity and support continued AI foundry leadership.
- TSMC's Japan Advanced Semiconductor Manufacturing (JASM) joint-venture in Kumamoto is expanding with a second wafer fab slated for 2027 to produce advanced node chips and deepen Taiwan-Japan semiconductor ties.

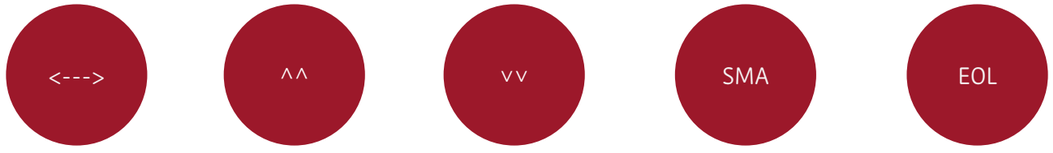
Vishay

- Vishay expanded its inductor and frequency control device portfolio with over 2,000 new SKUs across nearly 100 series to broaden design options and support growing industrial and telecom demand.
- Vishay's La Laguna inductor factory in Gómez Palacio, Mexico received IATF 16949:2016 automotive quality certification, boosting its global production capabilities for power inductors.
- Vishay prepared to showcase newly released 1200 V MaxSiC™ silicon carbide MOSFETs and broader SiC roadmap at PCIM Asia 2025 to address EV, energy, and industrial power applications.

Line cards

Analog	Pricing Trend	Lead time trend	Lead time (weeks)
Amfliers & Comparators	<--->	<--->	18+
Analog Interface	<--->	<--->	18+
Power Managment	<--->	<--->	18+
Converters	<--->	<--->	18+
Standard Analog total	<--->	<--->	18+
Advanced	<--->	^^	18+
MOS Micrologic			
MPU	<--->	^^	28
8 bit & lower	<--->	^^	18+
16 bit	<--->	<--->	18+
32 bit & higher	<--->	^^	28
MCU total	<--->	^^	18+
Automotive MCU	<--->	<--->	28+
DSP	<--->	<--->	28+
Programmable logic	<--->	^^	18+
Standard logic			
Timing products	<--->	<--->	28+
Interface	<--->	<--->	28+
Connectivity	<--->	<--->	28+
Standard logic	<--->	^^	12 - 18
Power			
FET	<--->	^^	18+
IGBT	<--->	<--->	18+
Rectifier	<--->	<--->	12 - 18
Other power	<--->	<--->	12 - 18

Memory	Pricing trend	Lead time trend	Lead time (weeks)
NOR	<--->	<--->	12 - 18
NAND	^^	^^	12 - 18
eMMC	^^	<--->	18+
EEPROM	<--->	<--->	18+
DRAM	^^	^^	18+
SRAM	<--->	^^	18+
Solid state drives	^^	^^	18+
Sensors			
	<--->	^^	18+
OPTO			
LEDS (Low power)	<--->	<--->	4 - 10
LEDS (Mild power)	<--->	<--->	4 - 10
LEDS (High power)	<--->	<--->	12 - 18
Couplers	<--->	<--->	12 - 18
Fibre - Optic	<--->	<--->	12 - 18
Infrared	<--->	<--->	12 - 18
Other opto	<--->	<--->	12 - 18
Discrete			
Small signal	<--->	^^	12 - 18
RF	<--->	^^	12 - 18



Stable | **Increasing** | **Decreasing** | **Selective Market Adjectment** | **End of life**

Analog

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Analog Devices	Sensors	10 - 26	<--->	<--->	
ams	Sensors	10 - 26	<--->	SMA	
Bosch Sensortec	Sensors	8 - 14	<--->	<--->	
Diodes Incorporated	Multi- Source Analog/Power	12 - 20	<--->	<--->	
	Switching Regulators	12 - 20	<--->	<--->	
FTDI Chip	Interface	22 - 24	^^	<--->	
Infineon	Sensors	06 - 28	<--->	<--->	
	Switching Regulators	16 - 26	<--->	<--->	
	Analog and Power for Automotive (CAN/LIN/Smart FET)	22 - 26	<--->	<--->	
Maxlinear	Interface	22 - 28	<--->	<--->	
Melexis	Sensors	28 - 30	<--->	<--->	
Microchip	Signal Chain (Amplifiers and Data Converters)	6 - 12	<--->	SMA	
	Timing	10 - 14	<--->	<--->	
	Switching Regulators	10 - 22	<--->	SMA	
Monolithic Power Systems	Switching Regulators	14 - 26	<--->	<--->	
NXP	Sensors	18 - 54	<--->	<--->	
	Interface	18 - 22	<--->	<--->	
	Analog and Power for Automotive (CAN/LIN/Smart FET)	18 - 22	<--->	SMA	
Onsemi	Sensors	20 - 54	<--->	<--->	
	Signal Chain (Amplifiers and Data Converters)	12 - 18	<--->	<--->	
	Timing	24 - 34	<--->	<--->	
	Multi- Source Analog/Power	12 - 20	<--->	<--->	
	Switching Regulators	12 - 22	<--->	<--->	
Panasonic	Sensors	18 - 28	<--->	<--->	
Pericom Saronix-eCera	Timing	18 - 22	<--->	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Power Integrations	Switching Regulators	18 - 20	<--->	<--->	
Renesas	Signal Chain (Amplifiers and Data Converters)	14 - 20	<--->	<--->	
	Timing	14 - 20	<--->	<--->	
	Interface	16 - 20	<--->	<--->	
	Switching Regulators	16 - 20	vv	<--->	
ROHM	Sensors	18 - 22	<--->	<--->	
	Switching Regulators	14 - 28	<--->	<--->	
ST Microelectronics	Sensors	22 - 36	<--->	<--->	
	Signal Chain (Amplifiers and Data Converters)	12 - 20	<--->	<--->	
	Switching Regulators	12 - 24	<--->	<--->	
	Analog and Power for Automotive (CAN/LIN/Smart FET)	18 - 24	<--->	<--->	
TE Sensor Solutions	Sensors	18 - 54	<--->	SMA	
Texas Instruments	Regulators	18 - 22	<--->	<--->	
	Sensors	18 - 22	<--->	<--->	
	Interface	18 - 22	<--->	<--->	
Vishay	Sensors	26 - 54	<--->	<--->	

Batteries

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Alium Batteries	Lithium Ion	22 - 24	<--->	<--->	
Energizer	Alkaline	12 - 14	<--->	<--->	
	Lithium Metal	16 - 18	<--->	<--->	
	Silver Oxide	10 - 12	<--->	<--->	
GP Batteries	Alkaline	16 - 18	<--->	<--->	
	Lithium Metal	20 - 22	<--->	<--->	
	Lithium Ion	18 - 20	<--->	<--->	
	Nickle Metal Hydride	12 - 14	<--->	<--->	
	Lead Acid	10 - 12	<--->	<--->	
	Carbon Zinc	10 - 12	<--->	<--->	
Panasonic	Alkaline	12 - 14	<--->	<--->	
	Lithium Metal	16 - 18	<--->	<--->	
	Nickle Metal Hydride	10 - 12	<--->	<--->	
	Carbon Zinc	10 - 12	<--->	<--->	
Rayovac	Alkaline	10 - 12	<--->	<--->	
	Lithium Metal	12 - 14	<--->	<--->	
	Nickle Metal Hydride	10 - 12	<--->	^^	
	Carbon Zinc	10 - 12	<--->	<--->	
Renata Batteries	Lithium Metal	16 - 18	<--->	^^	
	Lithium Ion	22 - 24	<--->	^^	
	Nickle Metal Hydride	12 - 14	<--->	<--->	
	Silver Oxide	10 - 12	<--->	^^	
	Carbon Zinc	10 - 12	<--->	^^	
Tadiran Batteries	Lithium Metal	14 - 16	<--->	<--->	
	Alkaline	12 - 14	<--->	<--->	
	Lithium Metal	20 - 26	<--->	<--->	
VARTA	Lithium Ion	34 - 40	<--->	<--->	
	Nickle Metal Hydride	12 - 14	<--->	^^	

Connectivity

Manufactures	Products	Lead time (weeks)	Trend	Pricing	
Abracon	Antennas	10 - 14	<--->	<--->	
AMS	RFID	18 - 26	<--->	SMA	
CEL	802.15.4/Zigbee Modules	28 - 34	<--->	<--->	
	Small Signal, Schottky Diodes, PIN Diodes, Bipolar Transistors, FETs/PHEMTs, Amplifiers, Mixers & Modulators, VCOs, SS Bipolar Transistors, Wideband Transistors	32	<--->	<--->	
Infineon & Cypress	Bluetooth Modules	18 - 26	<--->	<--->	
	Small Signal, Schottky Diodes, PIN Diodes, Bipolar Transistors, FETs/PHEMTs, Amplifiers, Mixers and Modulators, VCOs, SS Bipolar Transistors, Wideband Transistors	14 - 18	<--->	<--->	
Fibocom	Cellular Modules	14 - 18	<--->	<--->	
Kyocera AVX	Antennas	10 - 12	<--->	<--->	
Laird Connectivity	Wi-Fi Modules	18 - 38	<--->	<--->	
	Antennas	14 - 18	^^	<--->	
	LoRa	~32 - 54	^^	<--->	
Linx Technologies	Cellular Modules	8 - 12	<--->	<--->	
	Antennas	12 - 14	^^	<--->	
	Transceivers/Receivers	12 - 14	^^	<--->	
Melexis	Transceivers/Receivers	18	<--->	<--->	
	RFID	16 - 18	<--->	<--->	
Microchip	Wi-Fi Modules	14 - 22	<--->	vv	
	Bluetooth Modules	14 - 22	<--->	vv	
	Transceivers/Receivers	14 - 22	<--->	<--->	
	LoRa	18	<--->	<--->	
MultiTech	Cellular Modules	14 - 18	<--->	^^	
	LoRa	~14 - 18	<--->	^^	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Murata	Wi-Fi Modules	28 - 52	<--->	<--->	
	Bluetooth Modules	28 - 52	<--->	<--->	
	Small Signal, Schottky Diodes, PIN Diodes, Bipolar Transistors, FETs/PHEMTs, Amplifiers, Mixers and Modulators, VCOs, SS Bipolar Transistors, Wideband Transistors	14 - 22	<--->	<--->	
	LoRa	32 - 42	<--->	<--->	
Nearson	Antennas	10 - 12	<--->	<--->	
NXP	Multi-Protocol /Chip Solutions	28 - 38	<--->	<--->	Parts on allocation
	Transceivers/Receivers	26	<--->	<--->	
	RFID	16	<--->	<--->	
	High Power IC's	14 - 18	<--->	<--->	
	Small Signal, Schottky Diodes, PIN Diodes, Bipolar Transistors, FETs/PHEMTs, Amplifiers, Mixers and Modulators, VCOs, SS Bipolar Transistors, Wideband Transistors	14 - 18	<--->	<--->	
Onsemi	Bluetooth Modules	18 - 32	<--->	<--->	
	Sensors	20 - 54	<--->	SMA	
Panasonic	Bluetooth Modules	18 - 28	<--->	<--->	
	RFID	18 - 28	<--->	<--->	
	Sensors	18 - 28	<--->	<--->	
Pulse Electronics	Antennas	10 - 12	<--->	<--->	
Semtech	Transceivers/Receivers	12 - 14	<--->	<--->	
	LoRa	10 - 18	<--->	<--->	
Sierra Wireless	Multi-Protocol /Chip Solutions	42 - 48	<--->	<--->	
	Cellular Modules	~14 - 18	<--->	<--->	Intel based radios are at 52 weeks
Silex Technology	Wi-Fi Modules	22 - 42	<--->	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
ST Microelectronics	Bluetooth Modules	12 - 14	<--->	<--->	
	Transceivers/Receivers	14	<--->	<--->	
	RFID	12 - 14	<--->	<--->	
	GPS	14	<--->	<--->	
	High Power IC's	22 - 32	<--->	<--->	
	LoRa	12 - 14	<--->	<--->	
Synapse Wireless	802.15.4/Zigbee Modules	20 - 22	<--->	<--->	
Taoglas	Antennas	14 - 18	<--->	<--->	
TDK	Small Signal, Schottky Diodes PIN Diodes, Bipolar Transistors, FETs/PHEMTs, Amplifiers, Mixers and Modulators, VCOs, SS Bipolar Transistors, Wideband Transistors	14 - 22	<--->	<--->	
TE Connectivity	Cellular Modules	08 - 12	<--->	<--->	
	Antennas	10 - 14	<--->	<--->	
	Transceivers/Receivers	10 - 14	<--->	SMA	
Thales	Cellular Modules	14 - 22	<--->	<--->	
U-Blox	Bluetooth Modules	14 - 28	<--->	<--->	Cellular product moved over to Trasna
	Cellular Modules	14 - 28	<--->	<--->	
	GPS	14 - 28	<--->	<--->	
	WiFiModules	14 - 28	<--->	<--->	

Discrete

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Diodes Inc.	Low Voltage MOSFETS	12 - 42	^^	^^	
	TVS Diodes	18 - 26	^^	^^	
	Bridge Rectifiers	10 - 18	^^	^^	
	Schottky Diodes	16 - 33	^^	^^	
	Rectifiers	10 - 16	^^	^^	
	Switching Diodes	16 - 32	^^	^^	
	Small Signal MOSFETS	16 - 32	^^	^^	
	Zener Diodes	16 - 32	^^	^^	
	Bipolar Transistors	16 - 32	^^	^^	
	Digital Transistors	16 - 32	^^	^^	
	General Purpose Transistors	16 - 32	^^	^^	
	Logic	10 - 12	<--->	^^	
EATON	ESD	12 - 14	<--->	<--->	
	Fuses	10 - 14	<--->	<--->	
	Clips and Holders	12 - 16	<--->	<--->	
Everlight	Optocoupler Components	16 - 20	<--->	<--->	
Fairchild	Rectifiers	18 - 52	vv	<--->	
	Optocoupler Components	12 - 20	<--->	<--->	
Infineon	Low Voltage MOSFETS	12 - 24	^^	SMA	
	High Voltage MOSFETS	10 - 22	^^	SMA	
	IGBTs	14 - 44	^^	<--->	
	Wide Bandgap Mosfets	10 - 42	<--->	SMA	
	Digital Transistors	08 - 16	^^	<--->	
	General Purpose Transistors	12 - 16	^^	<--->	
	Mil-Aero Transistors	20 - 28	<--->	<--->	
Texas Instruments	Logic	18 - 22	<--->	<--->	
Isocom Components	Optocoupler Components	04 - 06	<--->	<--->	
IXYS	High Voltage MOSFETS	52 - 56	<--->	<--->	
	IGBTs	52 - 56	<--->	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Keystone	Clips and Holders	12 - 18	<--->	SMA	
Kyocera	Varistors	16 - 20	<--->	<--->	
Lite-On	Optocoupler Components	14 - 16	<--->	<--->	
Littelfuse	ESD	12 - 14	<--->	<--->	
	Diode Arrays	12 - 14	<--->	<--->	
	Varistors	16 - 22	<--->	<--->	
	Wide Bandgap Mosfets	30 - 32	<--->	<--->	
	Fuses	10 - 14	<--->	SMA	
	PTC Fuses	10 - 14	<--->	<--->	
	Clips and Holders	12 - 16	<--->	<--->	
	Thyristors/Triacs	18 - 22	<--->	<--->	
	TVS Diodes	08 - 14	<--->	<--->	
	Sensors	18 - 32	<--->	<--->	
Micro Commercial Components	Low Voltage MOSFETS	18 - 38	^^	<--->	
	High Voltage MOSFETS	22 - 38	^^	<--->	
	ESD	16 - 18	^^	<--->	
	TVS Diodes	14 - 16	<--->	<--->	
	Schottky Diodes	14 - 22	^^	<--->	
	Switching Diodes	14 - 22	^^	<--->	
	Small Signal Mosfets	14 - 22	^^	<--->	
	Zener Diodes	14 - 22	^^	<--->	
	Bipolar Transistors	14 - 22	^^	<--->	
	General Purpose Transistors	14 - 22	^^	<--->	
Microchip	High Voltage Mosfets	6 - 28	^^	SMA	
	Wide BandGap Mosfets	6 - 28	<--->	<--->	
Microsemi	High Voltage MOSFETS	44 - 54	<--->	<--->	
	IGBTs	44 - 54	<--->	<--->	
	Mil-Aero Diodes	28 - 54	<--->	<--->	
	Mil-Aero Transistors	34 - 62	<--->	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Nexperia	Low Voltage MOSFETS	54	^^	SMA	
	ESD	54	^^	SMA	
	Schottky Diodes	54	^^	SMA	
	Switching Diodes	54	^^	SMA	
	Small Signal MOSFETS	54	^^	SMA	
	Zener Diodes	54	^^	SMA	
	Bipolar Transistors	54	^^	SMA	
	Digital Transistors	54	^^	SMA	
	General Purpose Transistors	54	^^	SMA	
	Logic	54	^^	<--->	
ON Semiconductor	Low Voltage MOSFETS	16 - 46	^^	SMA	
	High Voltage MOSFETS	10 - 36	^^	SMA	
	ESD	12 - 42	^^	SMA	
	Wide Bandgap Mosfets	18 - 33	^^	SMA	
	Schottky Diodes	26 - 54	<--->	SMA	
	Rectifiers	22 - 26	^^	^^	
	Switching Diodes	26 - 54	^^	<--->	
	Small Signal MOSFETS	26 - 54	^^	<--->	
	Zener Diodes	26 - 54	^^	<--->	
	Bipolar Transistors	26 - 54	^^	<--->	
	Digital Transistors	26 - 54	^^	<--->	
	General Purpose Transistors	26 - 54	^^	<--->	
	Logic	28 - 32	^^	<--->	
ProTek Devices	Diode Arrays	10 - 14	<--->	<--->	
Renesas	Optocoupler Components	20 - 22	<--->	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
ROHM	High Voltage MOSFETS	14 - 28	^^	<--->	
	Wide Bandgap Mosfets	22 - 30	<--->	<--->	
	Schottky Diodes	14 - 20	<--->	<--->	
	Switching Diodes	14 - 20	<--->	<--->	
	Digital Transistors	14 - 20	<--->	<--->	
	General Purpose Transistors	14 - 20	<--->	<--->	
Schurter	Fuses	14 - 20	<--->	<--->	
	Clips and Holders	22 - 32	<--->	<--->	
Semtech	Diode Arrays	18	<--->	<--->	
ST Microelectronics	Low Voltage MOSFETS	16 - 28	^^	<--->	
	High Voltage MOSFETS	16 - 28	^^	<--->	
	IGBTs	16 - 22	^^	<--->	
	ESD	18 - 20	<--->	<--->	
	Wide Bandgap Mosfets	20 - 22	<--->	SMA	
	Thyristors/Triacs	18 - 20	<--->	<--->	
	TVS Diodes	14 - 16	<--->	<--->	
	Rectifiers	16 - 18	<--->	SMA	
	Bipolar Transistors	24 - 34	^^	<--->	
TDK EPCOS	Varistors	10 - 22	<--->	<--->	
TE Connectivity	PTC Fuses	10 - 14	<--->	<--->	
Vishay	Low Voltage MOSFETS	28 - 54	^^	SMA	
	High Voltage MOSFETS	18 - 52	^^	SMA	
	TVS Diodes	10 - 14	<--->	<--->	
	Bridge Rectfiers	10 - 12	<--->	<--->	
	Rectifiers	10 - 12	<--->	<--->	
	Zener Diodes	12 - 16	^^	<--->	
	Optocoupler Components	08 - 18	<--->	^^	

Electromechanical

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Abracon	Timing	14 - 32	vv	SMA	
ADDA	Fans	22 - 26	<--->	<--->	
Alps Electric	Switches	22 - 32	<--->	<--->	
American Zettler	Relays	18 - 32	<--->	<--->	
Bivar	Hardware	12 - 18	<--->	^^	
Boyd	Fans	14 - 16	<--->	<--->	
	Heatsinks	18 - 26	<--->	<--->	
C&K	Switches	14 - 22	<--->	<--->	
Churod Electronics	Relays	16 - 26	<--->	<--->	
Citizen Finedevice	Timing	14 - 54	<--->	<--->	
COSEL	Power Supplies (AC/DC)	8 - 14	<--->	<--->	
	Power Supplies (DC/DC)	8 - 14	<--->	<--->	
CTS	Switches	10 - 12	<--->	<--->	
	Timing	10 - 28	<--->	^^	
CUI Inc	Power Supplies (AC/DC)	16 - 30	<--->	<--->	
	Power Supplies (DC/DC)	14 - 30	<--->	<--->	
	Heatsinks	12 - 14	<--->	<--->	
Delta	Fans	26 - 34	<--->	<--->	
Diodes Inc	Timing	10 - 14	<--->	<--->	Tuning Forks- 32.7668KHZ and 40-52+ weeks, TCXO's are on allocation due to AKM fire
E-Switch	Switches	14 - 22	<--->	<--->	
ECS Inc.	Timing	14 - 30	<--->	<--->	
EPSON Electronics America	Timing	14 - 28	^^	<--->	
Essentra Components	Hardware	14 - 16	<--->	^^	
Fox	Timing	12 - 32	<--->	<--->	
Grayhill	Switches	14 - 26	<--->	^^	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Heyco	Hardware	12 - 14	<--->	^^	
Hongfa	Relays	18 - 32	<--->	<--->	
Infineon	Relays	42 - 54	<--->	^^	
IXYS	Relays	12 - 32	<--->	<--->	
Keystone	Hardware	14 - 16	<--->	<--->	
Kyocera International	Timing	12 - 30	vv	<--->	
MEAN WELL	Power Supplies (AC/DC)	16 - 20	<--->	<--->	
Microchip	Timing	14 - 28	<--->	^^	
Murata	Timing	10 - 12	<--->	<--->	
Murata Power Solutions	Power Supplies (AC/DC)	10 - 12	<--->	<--->	
NKK Switches	Switches	18 - 54	<--->	<--->	
NMB	Fans	22 - 24	vv	SMA	
Ohmite	Fans	12 - 14	<--->	<--->	
Orion Fans	Fans	18 - 20	<--->	<--->	
Panasonic	Relays	16 - 32	<--->	^^	
	Switches	12 - 14	<--->	<--->	
Qualtek	Fans	22 - 26	<--->	<--->	
Raltron	Timing	10 - 28	<--->	<--->	
RECOM	Power Supplies (AC/DC)	18 - 20	<--->	<--->	
	Power Supplies (DC/DC)	16 - 20	<--->	<--->	
Rosenberg	Fans	20 - 22	<--->	<--->	
Schneider Electric	Relays	18 - 20	<--->	<--->	
Song Chuan	Relays	26 - 38	<--->	<--->	
SUNON	Fans	26 - 28	vv	<--->	
TE Connectivity Sensors	Relays	14 - 16	<--->	<--->	All stable except the IM ready Series allocation 52+ weeks
	Switches	12 - 14	<--->	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Vicor	Power Supplies (AC/DC)	28 - 54	<--->	<--->	
	Power Supplies (DC/DC)	28 - 54	<--->	<--->	
Wakefield Thermal	Heatsinks	12 - 14	<--->	<--->	
Wall Industries	Power Supplies (AC/DC)	10 - 12	<--->	<--->	
	Power Supplies (DC/DC)	10 - 12	<--->	<--->	
ZF Electronics	Switches	20 - 22	<--->	<--->	

High - End

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
AZ Displays	LCD'S	14 - 16	<--->	<--->	
Compulab	SOM	18	<--->	<--->	
Cypress	8 bit MCU	12 - 18	<--->	<--->	
	32 bit MCU	N/A	<--->	<--->	
	USB	N/A	<--->	<--->	
	Automotive	N/A	<--->	<--->	
Formerica	Fibre Optic Transceivers	14 - 18	<--->	<--->	
Infineon	Automotive	34 - 48	<--->	<--->	
iWave Systems	SOM	18	<--->	<--->	
Lattice Semiconductor	FPGA	18 - 26	vv	vv	
Microchip	8 bit MCU	6 - 14	^^	<--->	
	32 bit MCU	6 - 20	^^	<--->	
	PHY/Ethernet	8 - 14	<--->	<--->	
	USB	8 - 12	^^	<--->	
	32 bit MPU	6 - 22	<--->	<--->	
Microsemi	FPGA	10 - 34	<--->	<--->	
NXP	8 bit MCU	15 - 42	^^	<--->	
	32 bit MCU	15 - 42	^^	<--->	
	Automotive	20 - 54	<--->	vv	
	32 bit MPU	20 - 42	<--->	<--->	
	Network Processors	20 - 44	<--->	<--->	
Renesas RA	32 bit MCU	14 - 20	<--->	<--->	
Renesas	8 bit MCU	14 - 20	<--->	<--->	
	32 bit MCU	14 - 20	<--->	<--->	
	Automotive	26	<--->	<--->	
	32 bit MPU	14	<--->	<--->	
Sharp	LCDs	30	<--->	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
ST Microelectronics	8 bit MCU	12 - 26	^^	<--->	
	Automotive	42 - 54	<--->	<--->	
	32 bit MPU	18 - 22	<--->	<--->	
	STM32F0 - 32 bit MCU	12 - 14	<--->	<--->	
	STM32F1 - 32 bit MCU	12 - 14	<--->	<--->	
	STM32L - 32 bit MCU	15 - 18	^^	<--->	
	Balance 32 bit MCU	15 - 18	^^	<--->	
	STM32F2/F4/F7/H7	18 - 22	^^	<--->	
Texas Instruments	MCUs & Processors	30 - 32	<--->	<--->	
Xilinx	FPGA	18 - 22	<--->	<--->	
Zilog	8 bit MCU	26 - 42	<--->	<--->	

Interconnect

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Adam Tech	I/O Connectors	18 - 20	<--->	<--->	
	PCB Connectors	18 - 20	<--->	<--->	
Altech Corp.	Terminal Blocks & Crimps	14	<--->	^^	
Amphenol Communications Solutions	D-Sub Connectors	10 - 12	<--->	^^	
	Data & Telecom	10 - 12	<--->	^^	
	PCB Connectors	10 - 12	<--->	^^	
	FFC/FPC	10 - 12	<--->	^^	
Amphenol Sine System	Circular Connectors	10 - 22	<--->	SMA	
ASSMAN WSW Components	Data & Telecom	22	<--->	<--->	
	PCB Connectors	22	<--->	<--->	
	IC Sockets	22	<--->	<--->	
Bulgin	Circular Connectors	12 - 18	<--->	^^	
EDAC	PCB Connectors	12 - 18	<--->	<--->	
Global Connector Technology	PCB Connectors	10 - 12	<--->	<--->	
	FFC/FPC	10 - 12	<--->	<--->	
HALO Electronics	Data & Telecom	14 - 20	<--->	<--->	
HARTING	PCB Connectors	12 - 14	<--->	^^	
Hirose Electric	PCB Connectors	10 - 18	<--->	^^	
	RF Connectors	10 - 18	<--->	^^	
	FFC/FPC	10 - 18	<--->	^^	
JST	PCB Connectors	18	<--->	<--->	
Mil-Max	PCB Connectors	06 - 08	<--->	^^	
	IC Sockets	06 - 08	<--->	^^	
Ouipiin	PCB Connectors	16 - 22	<--->	^^	
Sullins	PCB Connectors	08 - 10	<--->	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
TE Connectivity	Automotive Connectors	14 - 18	<--->	<--->	
	Circular Connectors	14 - 18	<--->	<--->	
	Relays	14 - 18	<--->	<--->	
	Data & Telecom	14 - 18	<--->	<--->	
	PCB Connectors	14 - 18	<--->	<--->	
	RF Connectors	14 - 18	<--->	<--->	
	IC Sockets	14 - 18	<--->	<--->	
	Terminal Blocks & Crimps	14 - 18	<--->	<--->	
	Lighting Connectors	14 - 18	<--->	<--->	
WAGO	Terminal Blocks & Crimps	16	<--->	<--->	
	Lighting Connectors	16	<--->	<--->	
WECO	Terminal Blocks & Crimps	22 - 26	^^	<--->	

Lighting solutions & Opto

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Bridgelux	Chip On Board (CoB)	8 - 10	<--->	^^	
Dialight	Indication LEDs	12 - 18	<--->	<--->	
	6V (LED Optics)	12 - 18	<--->	<--->	
Everlight	Automotive LEDs (AEC-Q101 Certified)	10 - 12	<--->	<--->	
	Infrared Components/ LED	16 - 18	<--->	<--->	
	Indication LEDs	16 - 18	<--->	<--->	
	UV LEDs	10 - 12	<--->	<--->	
Excellence Optoelectronics Inc.	Automotive LEDs (AEC-Q101 Certified)	10 - 12	<--->	<--->	
General Luminaire	Standard Light Engines (Level 2 Boards)	16 - 18	<--->	<--->	
Inolux	Indication LEDs	08 - 10	<--->	<--->	
Kingbright	LED Displays	12 - 14	<--->	<--->	
	Indication LEDs	10 - 12	<--->	<--->	
	Infrared Components/ LED	16 - 18	<--->	<--->	
Lite-On	LED Displays	16 - 18	<--->	<--->	
	Indication LEDs	18 - 22	<--->	<--->	
Lumex	LED Displays	14	<--->	<--->	
	Indication LEDs	10 - 16	<--->	<--->	
Lumileds	Illumination High Power LEDs (White)	10 - 16	<--->	<--->	
	Illumination High Power LEDs (Colors)	10 - 16	<--->	<--->	
	Illumination High Power LEDs (White & Colors)	10 - 12	<--->	<--->	
	Horitcultural Mid Power LEDs (White & Colors)	10 - 12	<--->	<--->	
	Automotive LEDs (AEC-Q101 Certified)	16 - 18	<--->	<--->	
	Chip On Board (CoB)	10 - 12	<--->	<--->	
	Standard Light Engines (Level 2 Boards)	20 - 28	<--->	<--->	
	Infrared Components/ LED	28	<--->	<--->	
	UV LEDs	14 - 18	<--->	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Meanwell	LED Drivers	12 - 16	<--->	<--->	
Murata	Lighting Controls	28 - 32	<--->	<--->	
Nichia	Illumination High Power LEDs (White)	8 - 12	<--->	<--->	
	Illumination High Power LEDs (Colors)	8 - 12	<--->	<--->	
	Illumination High Power LEDs (White & Colors)	10 - 12	<--->	<--->	
	Horitcultural Mid Power LEDs (White & Colors)	10 - 12	<--->	<--->	
	Chip On Board (CoB)	14 - 16	<--->	<--->	
ROHM	Infrared Components/ LED	8 - 10	<--->	<--->	
	Indication LEDs	12 - 14	<--->	<--->	
Samsung LED	Illumination High Power LEDs (White)	8 - 10	<--->	<--->	
	Illumination High Power LEDs (White & Colors)	10 - 12	<--->	<--->	
	Horitcultural Mid Power LEDs (White & Colors)	10 - 12	<--->	<--->	
	Chip On Board (CoB)	8 - 10	<--->	<--->	
	Standard Light Engines (Level 2 Boards)	8 - 10	<--->	<--->	
Seoul Semiconductor	Illumination High Power LEDs (White)	8 - 10	<--->	^^	
	Illumination High Power LEDs (White & Colors)	8 - 10	<--->	^^	
	Horitcultural Mid Power LEDs (White & Colors)	8 - 10	<--->	<--->	
	Chip On Board (CoB)	10 - 12	<--->	<--->	
	Standard Light Engines (Level 2 Boards)	12 - 14	^^	^^	
Seoul Viosys	UV LEDs	12 - 18	<--->	<--->	
Stanley Electric	LED Displays	14	<--->	<--->	
	Indication LEDs	12 - 14	<--->	<--->	
TE Connectivity	6A (Heat Sinks, LED Holders)	14 - 22	<--->	<--->	
TT Electronics-Optek Technology	Infrared Components/ LED	28 - 46	<--->	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
VCC	Indication LEDs	12 - 14	<--->	<--->	
Vishay	Infrared Components/ LED	10 - 22	<--->	<--->	
	Indication LEDs	10 - 32	<--->	<--->	
	UV LEDs	16 - 18	<--->	<--->	

Memory

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
ADATA	Memory Modules	28 - 54	^^	^^	
	eMMC	28 - 54	^^	^^	
	Memory Cards	28 - 54	^^	^^	
	Solid State Drives (SSD)	28 -54	^^	^^	
Alliance Memory	PC (Commodity) DRAM	04 - 22	^^	^^	
	Mobile RAM	10 - 18	<--->	^^	
	SRAM	10 - 32	<--->	<--->	
	NOR Flash	14 - 22	<--->	<--->	
	NAND Flash	10 - 26	<--->	<--->	
	eMMC	10 - 14	^^	^^	
Cypress	SRAM	14 - 54	<--->	<--->	
	NOR Flash	14 - 28	<--->	<--->	
	FRAM & NVSRAM	14 - 28	<--->	<--->	
Everspin Technologies	MRAM	14 - 20	<--->	^^	
Greenliant	NOR Flash	22 - 28	^^	^^	
	eMMC	22 - 28	^^	^^	
	Memory Cards	22 - 28	^^	^^	
	Solid State Drives (SSD)	22 - 28	^^	^^	
Kingston	PC (Commodity) DRAM	06 - 18	^^	^^	
	Memory Modules	26 - 28	^^	^^	
	eMMC	06 - 18	<--->	^^	
	Memory Cards	06 - 18	^^	^^	
	Solid State Drives (SSD)	06 - 18	^^	^^	
Macronix	NOR Flash	20 - 22	<--->	^^	
	NAND Flash	20 - 22	<--->	^^	
	eMMC	22 - 24	<--->	^^	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Microchip	SRAM	06 - 12	<--->	<--->	
	NOR Flash	06 - 28	<--->	<--->	
	EEPROM	06 - 28	<--->	<--->	
	EPROM	14 - 28	<--->	^^	
Onsemi	SRAM	22 - 42	<--->	<--->	
	EEPROM	14 - 22	<--->	<--->	
Renesas	SRAM	14 - 16	<--->	<--->	
	NOR FLASH	14 - 16	<--->	<--->	
	DATA FLASH	14 - 16	<--->	<--->	
Samsung LED	PC (Commodity) DRAM	54 - 56	<--->	<--->	Parts on allocation, Samsung is not quoting and not taking new orders for the time being
	Memory Modules	54 - 56	<--->	<--->	
	eMMC	54 - 56	<--->	<--->	
	Solid State Drivers (SSD)	54 - 56	<--->	<--->	
SkyHigh Memory	SLC NAND Flash	08 - 12	^^	^^	All Skyhigh eMMC on severe allocation
	eMMC	10 - 14	^^	^^	
STMicroelectronics	EEPROM	06 - 10	^^	^^	

Passives

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Apl Delevan	Inductors	16 - 18	<--->	<--->	
Cornell Dubilier Electronics	Electrolytic	24 - 48	<--->	<--->	
	Capacitor	28 - 42	<--->	<--->	
CTS	Resistor Networks	18 - 22	<--->	^^	
Eaton	Capacitors - Supercapacitors	12 - 22	vv	<--->	
	Inductors	16 - 18	<--->	<--->	
ELNA	Capacitors - Supercapacitors	22 - 32	<--->	^^	
HALO Electronics	Inductors	16 - 18	<--->	<--->	
Murata	Filters	14 - 18	<--->	<--->	
	Inductor / Transformers	14 - 22	<--->	<--->	
	Surface Mount General Capacitors - Ceramic (Less than 1 uf)	12 - 16	<--->	<--->	
	Surface Mount General Capacitors - Ceramic (Greater than 1 uf)	12 - 14	^^	<--->	
	Leaded Capacitors - Ceramic	18 - 20	<--->	<--->	
	Specialty Capacitors	18	<--->	<--->	
	Surface Mount General Capacitors	16 - 18	<--->	<--->	
NIC Components	Electrolytic	16 - 22	<--->	<--->	
	Filters	16 - 22	<--->	<--->	
	Inductors	16 - 22	<--->	<--->	
	Fixed Resistors	14 - 20	<--->	<--->	
	Tantalum Capcitors	20 - 22	^^	^^	
	Surface Mount General Capacitors Ceramic (Greater than 1 uf)	14 - 16	^^	vv	
	Leaded Capacitors - Ceramic	28 - 30	<--->	<--->	
Nichicon	Electrolytic	24 - 32	^^	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Panasonic	Electrolytic	20 - 42	<--->	<--->	
	Capacitors - Polymer Tantalum	28 - 42	^^	<--->	
	Inductors / Transformers	20 - 22	<--->	<--->	
	Fixed Resistors	22 - 32	vv	<--->	
	Resistor Networks	20 - 30	<--->	<--->	
Paktron Capacitors	Capacitors - Film	12 - 14	<--->	^^	
Samsung Electro-Mechanics	Fixed Resistors	46 - 48	<--->	<--->	
	Surface Mount General Capacitors - Ceramic (Less than 1 uf)	46 - 48	<--->	<--->	
	Surface Mount General Capacitors – Ceramic (Greater than 1 uf)	22	<--->	<--->	
	Surface Mount General Capacitors - Ceramic *Automotive Upgrade	22	<--->	<--->	
Stackpole Electronics	Fixed Resistors	20 - 22	<--->	<--->	
Sumida	Inductors	22 - 26	<--->	<--->	
Taiyo Yuden	Surface Mount General Capacitors - Ceramic (Less than 1 uf)	12 - 16	<--->	<--->	
	Surface Mount General Capacitors - Ceramic (Greater than 1 uf)	22 - 24	<--->	<--->	
	Surface Mount General Capacitors - Ceramic *Automotive Upgrade	22 - 24	<--->	<--->	
TDK	Filters	14 - 18	<--->	<--->	
	Surface Mount General Capacitors - Ceramic (Less than 1 uf)	18 - 22	<--->	<--->	
	Surface Mount General Capacitors - Ceramic (Greater than 1 uf)	22 - 26	<--->	<--->	
	Surface Mount General Capacitors - Ceramic *Automotive Upgrade	22 - 26	<--->	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
TDK EPCOS	Capacitors- Film	26 - 35	vv	<--->	
	Filters	14 - 18	<--->	<--->	
	Inductors / Transformers	18 - 22	<--->	<--->	
Sumida	Trimmers & Pots	18 - 22	<--->	^^	
TT Electronics - IRC	Fixed Resistors	22 - 42	<--->	^^	
United Chemi-Con	Electrolytic	20 - 36	^^	<--->	
Viking	Surface Mount General Capacitors - Ceramic (Less than 1 uf)	14 - 16	<--->	<--->	
	Surface Mount General Capacitors - Ceramic (Greater than 1 uf)	14 - 16	<--->	<--->	
Vishay	Trimmers & Pots	08 - 18	<--->	<--->	
	Capacitors - Film	08 - 18	<--->	<--->	
	Capacitors - Supercapacitors	08 - 18	<--->	<--->	
	Capacitors - Tantalum Molded	08 - 18	<--->	<--->	
	Capacitors - Tantalum Conformals	14 - 16	<--->	<--->	
	Capacitors - Polymer Tantalum	14 - 16	<--->	<--->	AI Impact on Deliveries
	Inductors / Transformers	14 - 16	<--->	<--->	
	Fixed Resistors	14 - 16	<--->	<--->	
	Surface Mount General Capacitors - Ceramic (Less than 1 uf)	14 - 16	<--->	<--->	
	Leaded Capacitors - Ceramic	14 - 16	<--->	<--->	
	Specialty Capacitors	14 - 16	<--->	<--->	
WIMA	Capacitors - Film	20 - 26	^^	^^	
Wurth Elektronik	Inductors / Transformers	28 - 34	^^	<--->	

Manufactures	Products	Lead time (weeks)	Trend	Pricing	Comments
Yageo	Fixed Resistors	20 - 22	<--->	<--->	
	Resistor Networks	22 - 26	<--->	<--->	
	Surface Mount General Capacitors - Ceramic (Less than 1 uf)	24	<--->	<--->	Included transit time, shipment by boat
	Surface Mount General Capacitors Ceramic (Greater than 1 uf)	24	<--->	<--->	Included transit time, shipment by boat
	Surface Mount General Capacitors Ceramic *Automotive Upgrade	24	<--->	<--->	Included transit time, shipment by boat

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Preventing problems in your supply chain

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