Commercial News

A general overview of the market situation as well as lead times and prices

Analog

High-End:
Prices are rising as a result of increased costs for raw materials and transportation. At the same time, lead times are extending due to higher demand.

Commodities:
Prices are continuing to increase driven by higher raw material and logistics costs. Elevated demand is also pushing lead times further out, making early or long-term ordering advisable to ensure supply security.

Infineon

	Lead Time (wk)	Price
Switched Voltage Regs	↑ 18-35	↑

Microchip

	Lead Time (wk)	Price
Data Converters	↔ 8-26	↔
Interface	↔ 3-19	↔
Linear Voltage Regulators	↑ 4-26	↔
Op Amps High End	↔ 3-14	↔
Switched Voltage Regs	↔ 4-14	↔

NISSHINBO

	Lead Time (wk)	Price
Linear Voltage Regulators	↑ 10-24	↑
Op Amps Commodities	↑ 14-20	↑
Op Amps High End	↑ 14-20	↑
Switched Voltage Regs	↑ 10-24	↑

NXP

	Lead Time (wk)	Price
Interface	↑ 18-35	↑
Op Amps High End	↑ 18-29	↑

onsemi

	Lead Time (wk)	Price
Interface	↑ 16-32	↑
Linear Voltage Regulators	↑ 14-35	↑
Op Amps Commodities	↑ 14-30	↑
Op Amps High End	↑ 16-32	↑
Switched Voltage Regs	↑ 16-42	↑

power integrations

	Lead Time (wk)	Price
Switched Voltage Regs	↑ 12-24	↑

SGMICRO

	Lead Time (wk)	Price
Data Converters	↑ 14-18	↑
Linear Voltage Regulators	↑ 14-22	↑
Op Amps Commodities	↑ 14-18	↑
Switched Voltage Regs	↑ 14-24	↑

	Lead Time (wk)	Price
Data Converters	↑ 20-35	↑
Interface	↑ 18-30	↑
Linear Voltage Regulators	↑ 16-38	↑
Op Amps Commodities	↑ 16-30	↑
Op Amps High End	↑ 18-32	↑
Switched Voltage Regs	↑ 16-38	↑

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Discretes

Lead times continue to increase. Long-term orders are recommended to help secure supply. Prices are rising due to higher material and transport costs.
Recent events at **Nexperia**, including export restrictions and governance-related actions still impact the supply chain. Lead times remain high.

ams OSRAM

	Lead Time (wk)	Price
Sensors	↑ 24-43	↑

BROADCOM

	Lead Time (wk)	Price
RF Devices	↑ 19-40	↑

Infineon

	Lead Time (wk)	Price
Bi-polar Power	↑ 28-32	↑
IGBT	↑ 20-52	↑
Power MOSFETs	↑ 22-52	↑
Rectifiers	↑ 28-52	↑
RF Devices	↑ 24-40	↑
Sensors	↑ 22-52	↑
Small Signal	↑ 28-52	↑
Thyristors	↑ 26-52	↑

nexperia

	Lead Time (wk)	Price
Bi-polar Power	↑ 26-38	↑
Power MOSFETs	↑ 20-38	↑
Rectifiers	↑ 20-45	↑
Small Signal	↑ 29-42	↑
TVS/Protection	↑ 20-45	↑
Zener Diodes	↑ 24-45	↑

NXP

	Lead Time (wk)	Price
RF Devices	↑ 28-52	↑
Sensors	↑ 26-48	↑

onsemi

	Lead Time (wk)	Price
Bi-polar Power	↑ 26-47	↑
IGBT	↑ 19-38	↑
Power MOSFETs	↑ 22-52	↑
Rectifiers	↑ 21-45	↑
Small Signal	↑ 28-52	↑
TVS/Protection	↑ 26-52	↑
Zener Diodes	↑ 26-52	↑

ST

	Lead Time (wk)	Price
Bi-polar Power	↑ 18-30	↑
IGBT	↑ 26-40	↑
Power MOSFETs	↑ 19-34	↑
Rectifiers	↑ 20-46	↑
Small Signal	↑ 27-32	↑
Thyristors	↑ 18-45	↑
TVS/Protection	↑ 18-47	↑

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TAIWAN SEMICONDUCTOR

	Lead Time (wk)	Price
Power MOSFETs	↑ 20-32	↑
Rectifiers	↑ 18-40	↑
Small Signal	↑ 32-52	↑
TVS/Protection	↑ 18-34	↑
Zener Diodes	↑ 20-52	↑

TOSHIBA

	Lead Time (wk)	Price
Power MOSFETs	↑ 22-40	↑

VISHAY

	Lead Time (wk)	Price
Power MOSFETs	↑ 22-52	↑
Rectifiers	↑ 16-42	↑
Small Signal	↑ 27-52	↑
Thyristors	↑ 18-26	↑
TVS/Protection	↑ 16-49	↑
Zener Diodes	↑ 19-52	↑

Commercial News

A general overview of the market situation
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Memory

ALL PRICE TENDENCIES ARE INDICATED IN USD
Please provide long-term demand on all technologies. Forecast/Order backlog is key for planning demand properly.

General situation:
The allocation situation dramatic on DRAM and NAND products. Massive price increases on the latest technologies. AI demand remains robust and is impacting memory availability globally.

DRAM: Massive price and lead time increases - especially high impact on LPDDR4/DDR4 and newer technologies like DDR5/LPDDR5 but also legacy technologies like DDR3. Unplanned upsides for CY2026 impossible to supply, please check the backlog. Long-term orders needed more than ever to secure supply for CY2027.
NAND Flash: eMMC is being discontinued by Micron, Samsung and Kioxia, as they shift their focus to UFS. SSD supply impacted by datacenter demand.
NOR Flash: Increasing prices and lead times.
SRAM: Stable availability - minor constraints on specific technologies.

dialog SEMICONDUCTOR
A Renesas Company

	Lead Time (wk)		Price
Serial NOR Flash	↑	24-36	↔

infineon

	Lead Time (wk)		Price
FRAM	↑↑	16-20	↑↑
nvSRAM	↑↑	16-20	↑↑
Parallel NOR Flash	↑↑	16-20	↑↑
Serial NOR Flash	↑↑	16-20	↑↑
SRAM Asynch.	↑	16-20	↑↑
SRAM Synch.	↑↑	16-20	↑↑

KIOXIA

	Lead Time (wk)		Price
Managed NAND (eMMC, UFS)	↑↑	n/a	↑↑
NAND (SLC,MLC,TLC,3D)	↑↑	n/a	↑↑
SSD	↑↑	n/a	↑↑

ISSI

	Lead Time (wk)		Price
DDR/mobile DDR	↑↑	n/a	↑↑
DDR2/LPDDR2	↑↑	n/a	↑↑
DDR3/DDR3L	↑↑	n/a	↑↑
DDR4/LPDDR4	↑↑	n/a	↑↑
Managed NAND (eMMC, UFS)	↑↑	n/a	↑↑
NAND (SLC,MLC,TLC,3D)	↑↑	n/a	↑↑
Parallel NOR Flash	↑↑	30-40	↑↑
SDRAM/mobile SDRAM	↑↑	n/a	↑↑
Serial NOR Flash	↑↑	40	↑↑
SRAM Asynch.	↑↑	8-12	↑↑
SRAM Synch.	↑↑	8-12	↑↑

MICROCHIP

	Lead Time (wk)		Price
EEprom	↑	7-19	↔
Eprom	↑	5	↔
Serial NOR Flash	↑	7-19	↔

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Memory

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NOR Flash: Increasing prices and lead times.
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micron

	Lead Time (wk)		Price
DDR/mobile DDR	↑↑	26	↑↑
DDR2/LPDDR2	↑↑	26	↑↑
DDR3/DDR3L	↑↑	39	↑↑
DDR4/LPDDR4	↑↑	n/a	↑↑
DDR5/LPDDR5	↑↑	n/a	↑↑
Managed NAND (eMMC, UFS)	↑↑	n/a	↑↑
microSD	↑↑	n/a	↑↑
NAND (SLC,MLC,TLC,3D)	↑↑	n/a	↑↑
Parallel NOR Flash	↑↑	26	↑↑
SDRAM/mobile SDRAM	↑↑	26	↑↑
Serial NOR Flash	↑↑	26	↑↑
SSD	↑↑	n/a	↑↑

onsemi

	Lead Time (wk)		Price
EEprom	↑	7-21	↔
Serial NOR Flash	↑	16-20	↔

RENESAS

	Lead Time (wk)		Price
EEprom	↑	8-12	↔
FIFO	↑	16-20	↔
SRAM Asynch.	↑	20-24	↔
SRAM Multiport	↑	16-20	↔
SRAM Synch.	↑	20-24	↔

SAMSUNG

	Lead Time (wk)		Price
DDR3/DDR3L	↑↑	n/a	↑↑
DDR4/LPDDR4	↑↑	n/a	↑↑
DDR5/LPDDR5	↑↑	n/a	↑↑
Managed NAND (eMMC, UFS)	↑↑	n/a	↑↑
SSD	↑↑	n/a	↑↑

ST

	Lead Time (wk)		Price
EEprom	↑	16	↑
NVRAM	↑	16	↑

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Opto

ams OSRAM

	Lead Time (wk)	Price
LEDs High Power	↔ 8-22	↔
LEDs High Power General Lighting	↔ 6-26	↔
LEDs Infrared	↔ 8-20	↔
LEDs low/mid Power	↔ 10-24	↔
LEDs Low/Mid Power General Lighting	↔ 8-25	↔
LEDs Ultraviolet	↔ 8-18	↔

bridgelux

	Lead Time (wk)	Price
LED Driver	↔ 12-22	↔
LEDs High Power General Lighting	↔ 14-20	↔
LEDs Low/Mid Power General Lighting	↔ 8-16	↔

BROADCOM

	Lead Time (wk)	Price
Coupler	↔ 8-36	↑
LED's High Power	↔ 12-24	↑
LEDs low/mid Power	↔ 12-18	↑

EVERLIGHT

	Lead Time (wk)	Price
Coupler	↑ 18-27	↑
LED's High Power	↔ 18-26	↑
LEDs Infrared	↔ 14-24	↑
LEDs low/mid Power	↔ 12-24	↑
LEDs Ultraviolet	↔ 8-20	↑

inventronics

	Lead Time (wk)	Price
LED Driver	↑ 14-16	↔
LED Module	↑ 14-16	↔

LEDiL

	Lead Time (wk)	Price
LED Optic	↔ 6-8	↔

LUMINUS

	Lead Time (wk)	Price
LEDs High Power	↔ 12-20	↔
LEDs High Power General Lighting	↔ 8-16	↔
LEDs Infrared	↔ 6-24	↔
LEDs Low/Mid Power General Lighting	↔ 6-12	↔
LEDs Ultraviolet	↔ 12-18	↔

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Opto

onsemi

	Lead Time (wk)	Price
Coupler	↔ 6-26	↑

RENESAS

	Lead Time (wk)	Price
Coupler	↔ 12-20	↔

TOSHIBA

	Lead Time (wk)	Price
Coupler	↔ 12-40	↑

VISHAY

	Lead Time (wk)	Price
Coupler	↑ 4-46	↑
LEDs High Power	↔ 12-26	↑
LEDs Infrared	↔ 6-24	↑
LEDs Low/Mid Power	↑ 12-18	↑
LEDs Ultraviolet	↔ 8-20	↑

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MCU & DSP

In general, the market is becoming more constrained. We expect overall price increases.

ESPRESSIF

	Lead Time (wk)		Price
32 Bit	↔	8-12	↔

Infineon

	Lead Time (wk)		Price
8 Bit	↑↑	16-26	↑↑
16 Bit	↑↑	16-26	↑↑
32 Bit	↑↑	16-33	↑↑

intel.

	Lead Time (wk)		Price
32 Bit	↑	7-9	↑↑
64 Bit	↑↑	20	↑↑
x86 DSP	↑	7-9	↑↑

MICROCHIP

	Lead Time (wk)		Price
8 Bit AVR	↑	5-21	↑
8 Bit PIC	↑	4-18	↑
16 Bit	↑↑	21-31	↑
32 Bit	↑	4-28	↑

NXP

	Lead Time (wk)		Price
8 Bit	↑↑	28-32	↑↑
16 Bit	↑↑	28-32	↑↑
32 Bit	↑↑	35-40	↑↑
i.MX	↑↑	35-40	↑↑
DSP	↑↑	35-40	↑↑

RENESAS

	Lead Time (wk)		Price
MCUs 8 Bit	↑↑	25-30	↑↑
MCUs 16 Bit	↑↑	25-30	↑↑
MCUs 32 Bit	↑↑	25-30	↑↑
MCUs 64 Bit	↑↑	25-30	↑↑

STMicroelectronics

	Lead Time (wk)		Price
8 Bit	↑	30	↑
16 Bit	↑	30	↑
32 Bit	↑	30	↑

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Program. Logic

MICROCHIP

	Lead Time (wk)	Price
Program. Logic	↑↑ 12-28	↑

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Logic

Lead times continue to increase significantly. To ensure supply continuity, placing long-term orders is strongly recommended. Prices are also expected to rise due to increasing raw material and transportation costs.
In addition, recent developments at **Nexperia** continue to impact the supply chain and overall product availability.

nexperia

	Lead Time (wk)	Price
Standard Logic	↑ 18-32	↑

SGMICRO

	Lead Time (wk)	Price
Standard Logic	↑ 16-20	↑

onsemi

	Lead Time (wk)	Price
Standard Logic	↑ 16-35	↑

TOSHIBA

	Lead Time (wk)	Price
Standard Logic	↑ 19-33	↑