Commercial News

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

Analog

High-End: Pricing remains largely unchanged, supported by stable demand and consistent supplier performance - no significant shifts are anticipated in the near term. Lead times are slowly increasing.
Commodities: Prices remain stable while lead times are showing a slight upward trend. Market conditions remain balanced, and no major disruptions are currently expected.

Infineon

	Lead Time (wk)	Price
Switched Voltage Regs	↔ 10-28	↔

Microchip

	Lead Time (wk)	Price
Data Converters	↑ 6-35	↔
Interface	↑ 6-20	↔
Op Amps High End	↔ 6-22	↔
Switched Voltage Regs	↑ 8-28	↔

Nisshinbo

	Lead Time (wk)	Price
Op Amps Commodities	↔ 12-16	↔
Op Amps High End	↔ 12-16	↔
Switched Voltage Regs	↔ 8-16	↔
Voltage Regulators	↔ 8-16	↔

NXP

	Lead Time (wk)	Price
Interface	↔ 13-26	↔
Op Amps High End	↔ 16-28	↔

onsemi

	Lead Time (wk)	Price
Interface	↔ 10-28	↔
Op Amps Commodities	↔ 10-20	↔
Op Amps High End	↔ 14-26	↔
Switched Voltage Regs	↑ 12-40	↔
Voltage Regulators	↔ 10-32	↔

Power Integrations

	Lead Time (wk)	Price
Switched Voltage Regs	↔ 8-24	↔

SGMICRO

	Lead Time (wk)	Price
Data Converters	↔ 12-16	↔
Op Amps Commodities	↔ 12-16	↔
Switched Voltage Regs	↔ 12-16	↔
Voltage Regulators	↔ 12-16	↔

STMicroelectronics

	Lead Time (wk)	Price
Data Converters	↔ 16-24	↔
Interface	↔ 14-26	↔
Op Amps Commodities	↑ 12-22	↔
Op Amps High End	↑ 14-32	↔
Switched Voltage Regs	↑ 12-38	↔
Voltage Regulators	↔ 14-28	↔

Commercial News

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

Discretes

Prices remain stable but lead times are increasing. It is recommended to place long-term orders as the production time (cycle time) is higher than the lead times indicate.

ams OSRAM

	Lead Time (wk)	Price
Sensors	↑ 18-32	↔

BROADCOM

	Lead Time (wk)	Price
RF Devices	↑ 16-22	↔

Infineon

	Lead Time (wk)	Price
Bi-polar Power	↑ 812	↔
IGBT	↑ 15-46	↔
Power MOSFETs	↑ 15-40	↔
Rectifiers	↑ 19-32	↔
RF Devices	↑ 13-24	↔
Sensors	↑ 14-35	↔
Small Signal	↑ 12-21	↔
Thyristors	↑ 20-36	↔

nexperia

	Lead Time (wk)	Price
Bi-polar Power	↑ 12-18	↔
Power MOSFETs	↑ 14-23	↔
Rectifiers	↑ 11-22	↔
Small Signal	↑ 11-22	↔
TVS/Protection	↑ 11-18	↔
Zener Diodes	↑ 11-24	↔

NXP

	Lead Time (wk)	Price
RF Devices	↑ 15-24	↔
Sensors	↑ 22-46	↔

onsemi

	Lead Time (wk)	Price
Bi-polar Power	↑ 14-23	↔
IGBT	↑ 16-32	↔
Power MOSFETs	↑ 15-30	↔
Rectifiers	↑ 14-27	↔
Small Signal	↑ 13-24	↔
TVS/Protection	↑ 14-20	↔
Zener Diodes	↑ 12-24	↔

ST

	Lead Time (wk)	Price
Bi-polar Power	↑ 16-20	↔
IGBT	↑ 18-36	↔
Power MOSFETs	↑ 16-30	↔
Rectifiers	↑ 18-32	↔
Small Signal	↑ 18-25	↔
Thyristors	↑ 18-28	↔
TVS/Protection	↑ 16-28	↔

Commercial News

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TAIWAN SEMICONDUCTOR

	Lead Time (wk)	Price
Power MOSFETs	↑ 18-27	↔
Rectifiers	↑ 13-28	↔
Small Signal	↑ 16-24	↔
TVS/Protection	↑ 14-20	↔
Zener Diodes	↑ 15-24	↔

TOSHIBA

	Lead Time (wk)	Price
Power MOSFETs	↑ 20-28	↔

VISHAY

	Lead Time (wk)	Price
Power MOSFETs	↑ 14-34	↔
Rectifiers	↑ 12-26	↔
Small Signal	↑ 12-21	↔
Thyristors	↑ 14-21	↔
TVS/Protection	↑ 11-18	↔
Zener Diodes	↑ 11-26	↔

Commercial News

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

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: Price and lead time levels highly depend on supplier and product technology. Increasing price levels and lead times on latest technologies. Samsung DDR3, DDR4 module and low capacity eMMC pullout impact supply and availability.

DRAM: Pricing and lead times increasing - highly impacted LPDDR4/DDR4 and newer technologies like DDR5/LPDDR5. Unplanned upsides on newer technologies difficult to supply.
NAND Flash: Availability dependent on supplier. Increasing prices and lead times, especially on latest tech (SSDs) and low-capacity eMMCs. Unplanned upsides difficult to supply. Please review customer demand on eMMCs - backlog needed to secure supply.
NOR Flash: Increasing lead times expected.
SRAM: Good 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	↔	8-10	↔
nvSRAM	↔	10	↔
Parallel NOR Flash	↔	8-10	↔
Serial NOR Flash	↔	8-14	↔
SRAM Asynch.	↔	8-10	↔
SRAM Synch.	↔	10-12	↔

KIOXIA

	Lead Time (wk)		Price
Managed NAND (eMMC, UFS)	↑↑	20-48	↑
NAND (SLC,MLC,TLC,3D)	↑↑	24	↑
SSD	↑	8-12	↔

ISSI

	Lead Time (wk)		Price
DDR/mobile DDR	↔	8-12	↔
DDR2/LPDDR2	↔	8-12	↔
DDR3/DDR3L	↔	8-12	↔
DDR4/LPDDR4	↔	6-16	↔
Managed NAND (eMMC, UFS)	↔	10-12	↔
NAND (SLC,MLC,TLC,3D)	↔	10-20	↔
Parallel NOR Flash	↔	12-16	↔
SDRAM/mobile SDRAM	↔	6-8	↔
Serial NOR Flash	↔	12-14	↔
SRAM Asynch.	↔	8-12	↔
SRAM Synch.	↔	8-12	↔

MICROCHIP

	Lead Time (wk)		Price
EEprom	↔	5-52	↔
Eprom	↔	5-52	↔
Serial NOR Flash	↔	24-28	↔

Commercial News

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NOR Flash: Increasing lead times expected.
SRAM: Good availability - minor constraints on specific technologies.

micron

	Lead Time (wk)	Price
DDR/mobile DDR	↑ 12	↑
DDR2/LPDDR2	↑ 12	↑
DDR3/DDR3L	↑ 12	↑
DDR4/LPDDR4	↑ 20	↑
DDR5/LPDDR5	↑ 20	↑
Managed NAND (eMMC, UFS)	↑ 20	↑
microSD	↑ 20	↑
NAND (SLC,MLC,TLC,3D)	↑ 12	↑
Parallel NOR Flash	↑ 12	↑
SDRAM/mobile SDRAM	↑ 12	↑
Serial NOR Flash	↑ 12	↑
SSD	↑ 20	↑

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	↔ 8-14	↔
NVRAM	↔ 8-16	↔

Commercial News

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

Opto

LEDs: Overall good supply situation.
Coupler: Overall good supply situation.
Vishay: Lead time 4-16 weeks for majority of the Optocoupler portfolio.
Samsung: Official announcement of LED-business exit.

ams OSRAM

	Lead Time (wk)	Price
LEDs High Power	↔ 8-14	↔
LEDs High Power General Lighting	↔ 8-14	↔
LEDs Infrared	↔ 8-14	↔
LEDs Low/Mid Power	↔ 10-18	↔
LEDs Low/Mid Power General Lighting	↔ 10-12	↔
LEDs Ultraviolet	↔ 8-10	↔

bridgelux

	Lead Time (wk)	Price
LED Driver	↔ 10-12	↔
LEDs High Power General Lighting	↔ 4-6	↔
LEDs Low/Mid Power General Lighting	↔ 6-8	↔

BROADCOM

	Lead Time (wk)	Price
Coupler	↔ 8-36	↔
LEDs High Power	↔ 12-14	↔
LEDs Low/Mid Power	↔ 12-14	↔

EVERLIGHT

	Lead Time (wk)	Price
Coupler	↔ 12-30	↔
LEDs High Power	↔ 12-14	↔
LEDs Infrared	↔ 6-24	↔
LEDs Low/Mid Power	↔ 12-14	↔
LEDs Ultraviolet	↔ 6-20	↔

inventronics

	Lead Time (wk)	Price
LED Driver	↔ 12-14	↔
LED Module	↔ 12-14	↔

LEDiL

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

LUMINUS

	Lead Time (wk)	Price
LEDs High Power	↔ 6-10	↔
LEDs High Power General Lighting	↔ 6-8	↔
LEDs Infrared	↔ 6-12	↔
LEDs Low/Mid Power General Lighting	↔ 6-8	↔
LEDs Ultraviolet	↔ 6-8	↔

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Samsung: Official announcement of LED-business exit.

onsemi

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

RENESAS

	Lead Time (wk)	Price
Coupler	↔ 18-20	↔

SAMSUNG

	Lead Time (wk)	Price
LED Module	↔ 12-16	↔
LEDs High Power	↔ 8-10	↔
LEDs High Power General Lighting	↔ 8-10	↔
LEDs Low/Mid Power	↔ 8-10	↔
LEDs Low/Mid Power General Lighting	↔ 8-10	↔

TOSHIBA

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

VISHAY

	Lead Time (wk)	Price
Coupler	↔ 4-46	↔
LEDs High Power	↔ 12-14	↔
LEDs Infrared	↔ 6-24	↔
LEDs Low/Mid Power	↔ 12-14	↔
LEDs Ultraviolet	↔ 6-20	↔

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

MCU & DSP

ESPRESSIF

	Lead Time (wk)	Price
32 Bit	↔ 8-12	↔

Infineon

	Lead Time (wk)	Price
8 Bit	↔ 16-26	↔
16 Bit	↔ 16-26	↔
32 Bit	↔ 16-20	↔

intel.

	Lead Time (wk)	Price
32 Bit	↔ 4-5	↔
64 Bit	↔ 4-5	↔
x86 DSP	↔ 4-5	↔

MICROCHIP

	Lead Time (wk)	Price
8 Bit AVR	↔ 4-10	↔
8 Bit PIC	↔ 4-8	↔
16 Bit	↑ 2-12	↔
32 Bit	↑ 4-16	↔

NXP

	Lead Time (wk)	Price
8 Bit	↑ 16-20	↔
16 Bit	↑ 16-20	↔
32 Bit	↑ 16-20	↔
i.MX	↑ 16-20	↔
DSP	↑ 16-20	↔

RENESAS

	Lead Time (wk)	Price
MCUs 8 Bit	↑ 16-20	↔
MCUs 16 Bit	↑ 16-20	↔
MCUs 32 Bit	↑ 16-20	↔
MCUs 64 Bit	↑ 16-20	↔

STMicroelectronics

	Lead Time (wk)	Price
8 Bit	↑ 12-16	↔
16 Bit	↑ 12-16	↔
32 Bit	↑ 12-18	↔

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Program. Logic

AMD

	Lead Time (wk)	Price
Program. Logic	↑ 12	↔

MICROCHIP

	Lead Time (wk)	Price
Program. Logic	↔ 6-15	↔

Commercial News

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

Logic

Prices remain stable with no expectations for an increase. Lead times are slowly increasing.

nexperia

	Lead Time (wk)	Price
Standard Logic	↑ 8-20	↔

SGMICRO

	Lead Time (wk)	Price
Standard Logic	↔ 14-16	↔

onsemi

	Lead Time (wk)	Price
Standard Logic	↑ 8-20	↔

TOSHIBA

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