

Rebound Electronics



Market Insight Q3/2020

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ANALOG		PRICING TREND	LEAD TIME TREND	LEAD TIME (WEEKS)
Standard	Amplifiers & Comparators	→	↑	12-18
	Analog Interface	→	↑	12-18
	Power Management	→	↑	12-18
	Converters	→	↑	12-18

MPU/MCU		PRICING TREND	LEAD TIME TREND	LEAD TIME (WEEKS)
MPU		→	↑	12-18
MCU	8 Bit & Lower	→	↑	18+
	16 Bit	→	↑	18+
	32 Bit & Higher	→	↑	18+
DSP		→	↑	18+

PROGRAMMABLE LOGIC	PRICING TREND	LEAD TIME TREND	LEAD TIME (WEEKS)
	→	→	18+

STANDARD LOGIC	PRICING TREND	LEAD TIME TREND	LEAD TIME (WEEKS)
Timing Products	→	→	18+
Interface	→	→	18+
Connectivity	→	→	18+
Standard Logic	→	↑	4-10

POWER	PRICING TREND	LEAD TIME TREND	LEAD TIME (WEEKS)
FET	→	↑	18+
IGBT	→	→	18+
Rectifier	→	↑	12-18
Other Power	→	↑	12-18



MEMORY	PRICING TREND	LEAD TIME TREND	LEAD TIME (WEEKS)
Flash	→	→	12-18
eMMC	→	→	18+
EEPROM	→	→	4-10
DRAM	↑	↑	12-18
SRAM	→	↑	12-18
Solid State Drives	↑	→	18+

SENSORS	PRICING TREND	LEAD TIME TREND	LEAD TIME (WEEKS)
FET	→	↑	18+

OPTO	PRICING TREND	LEAD TIME TREND	LEAD TIME (WEEKS)
LEDs (Low Power)	↑	↑	12-18
LEDs (Mid Power)	↑	↑	12-18
LEDs (High Power)	↑	↑	12-18
Couplers	→	↑	18+
Fibre-Optic	→	↑	12-18
Infrared	→	↑	12-18
Other Opto	→	→	12-18

DISCRETE	PRICING TREND	LEAD TIME TREND	LEAD TIME (WEEKS)
Small Signal	→	↑	12-18
RF	→	↑	12-18



↔	Stable
↗	Increasing
↘	Decreasing
SMA	Selective Market Adjustment
EOL	End-of-Life

Analog

MANUFACTURER	PRODUCT	LEAD TIME (WEEKS)	TREND	PRICING	COMMENTS
AMS	Analog	18-54+	↔	↔	
BOSCH	Sensors	16-18	↔	↔	
	Multi- Source Analog/Power	12-14	↔	↔	
DIODES	Switching Regulators	12-14	↔	↔	
	Timings	10-12	↔	↔	
FTDI Chip	Interface	16-18	↔	↔	
	Sensors	10-42	↔	↔	
Infineon	Switching Regulators	28	↗	↔	
	Analog and Power for Automotive (CAN/LIN/Smart FET)	24-26	↘	↔	
	Signal Chain Amplifiers	8-10	↔	↔	
Maxim Integrated	Interface	8-10	↔	↔	
	Sensors	8-12	↔	↔	
Maxlinear	Interface	12-14	↔	↔	
Melexis	Sensors	18-44	↗	↔	
	Signal Chain (Amplifiers and Data Converters	10-12	↔	↔	
Microchip	Timing	10-12	↔	↔	
	Switching Regulators	12-14	↔	↔	
MPS	Switching Regulators	10-12	↔	↔	



MANUFACTURER	PRODUCT	LEAD TIME (WEEKS)	TREND	PRICING	COMMENTS
NXP	Sensors	16-32	↗	↔	
	Interface	12-14	↔	↔	
	Analog and Power for Automotive (CAN/LIN/Smart FET)	22+	↔	↔	
Omron	Sensors	14-16	↔	↔	
ON Semiconductor	Sensors	20-26	↔	↔	
	Signal Chain (Amplifiers and Data Converters)	12-14	↔	↔	
	Timing	12-14	↔	↔	
	Multi- Source Analog/Power	8-10	↙	↔	
	Switching Regulators	12-14	↔	↔	
Panasonic	Sensors	14-20	↔	↔	
3PEAK	Signal Chain (Amplifiers, Data Converters, Interface, & Power Management)	4-6	↔	↔	
Renesas	Signal Chain (Amplifiers and Data Converters)	10-12	↔	↔	
	Timing	10-12	↔	↔	
	Switching Regulators	10-12	↔	↔	
ROHM	Sensors	14-26	↔	↔	
	Switching Regulators	10-12	↔	↔	
ST Microelectronics	Sensors	16-28	↗	↔	
	Signal Chain (Amplifiers and Data Converters)	12-14	↔	↔	
	Multi- Source Analog/Power	8-10	↙	↔	
	Switching Regulators	12-14	↔	↔	
	Analog and Power for Automotive (CAN/LIN/Smart FET)	24-26	↙	↔	
TE Sensor Solutions	Sensors	16-32	↗	↔	
Vishay	Sensors	16-22	↔	↔	



Batteries

MANUFACTURER	PRODUCT	LEAD TIME (WEEKS)	TREND	PRICING	COMMENTS
Energizer	Alkaline	10-12	↔	↔	
	Lithium Metal	10-12	↔	↔	
	Silver Oxide	10-12	↔	↔	
GP Batteries	Alkaline	10-12	↔	↔	
	Lithium Metal	12-14	↔	↔	
	Lithium Ion	12-14	↔	↔	
	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	↔	↔	
	Lead Acid	12-14	↔	↗	
	Carbon Zinc	10-12	↔	↔	
Renata Batteries	Lithium Metal	14-16	↔	↔	
	Nickle Metal Hydride	12-14	↔	↔	
	Silver Oxide	10-12	↔	↔	
	Carbon Zinc	10-12	↔	↔	
VARTA	Alkaline	12-14	↔	↔	
	Lithium Metal	20-26	↔	↗	
	Lithium Ion	22-28	↗	↔	
	Nickle Metal Hydride	12-14	↔	↔	



Connectivity

MANUFACTURER	PRODUCT	LEAD TIME (WEEKS)	TREND	PRICING	COMMENTS
AMS	RFID	30-32	↗	↔	
AVX	Antennas	10-12	↔	↔	
	802.15.4/Zigbee Modules	16-18	↔	↔	
CEL	Small Signal, Schottky Diodes, PIN Diodes, Bipolar Transistors, FETs/PHEMTs, Amplifiers, Mixers & Modulators, VCOs, SS Bipolar Transistors, Wideband Transistors	20-22	↔	↔	
Cypress	Bluetooth Modules	12-14	↔	↔	
Laird Connectivity	Wi-Fi Modules	14-16	↗	↗	
	Cellular Modules	8-12	↔	↔	
Linx Technologies	Antennas	8-12	↔	↔	
	Transceivers/Receivers	8-12	↔	↔	
	Transceivers/Receivers	18	↔	↔	
Melexis	RFID	16-18	↔	↔	
	Wi-Fi Modules	20-22	↔	↔	
Microchip	Bluetooth Modules	20-22	↔	↔	
	Transceivers/Receivers	16-18	↗	↔	
Murata	Wi-Fi Modules	24-28	↔	↔	
	Bluetooth Modules	24-28	↔	↔	



MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
NXP	Multi-Protocol/Chip Solutions	14-16	↔	↔	
	Transceivers/Receivers	10-12	↔	↔	
	RFID	12-14	↔	↔	
	High Power IC's	20	↔	↔	
ON Semiconductor	Bluetooth Modules	18-32	↔	↔	
Panasonic	Bluetooth Modules	18-20	↔	↔	
	RFID	16-18	↔	↔	
Pulse Electronics	Antennas	10-12	↔	↔	
Sierra Wireless	Multi-Protocol/Chip Solutions	16-18	↔	↔	
	Cellular Modules	20-22	↔	↔	
Silex Technology	Wi-Fi Modules	16-18	↔	↔	
ST Microelectronics	Bluetooth Modules	14-18	↔	↔	
	RFID	10-12	↔	↔	
Taoglas	Antennas	10-12	↔	↔	
U-Blox	Bluetooth Modules	12-14	↔	↔	
	Cellular Modules	12-14	↔	↔	
	GPS	12-14	↔	↔	



Discrete

MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Alpha Power Solutions	Diode Array	10-12	↔	↙	
	Low Voltage MOSFETS	10-12	↔	↙	Price is slightly decreasing
	High Voltage MOSFETS	10-12	↔	↙	
AVX	Varistors	22-24	↗	↔	
CEL	Optocoupler Components	24-32	↗	↔	
Diodes Inc.	Low Voltage MOSFETS	24-28	↗	↔	
	TVS Diodes	20-24	↗	↔	
	Bridge Rectifiers	12-16	↔	↔	
	Schottky Diodes	12-22	↗	↔	
	Rectifiers	12-16	↔	↔	
	Switching Diodes	12-22	↗	SMA	
	Small Signal MOSFETS	12-22	↗	↔	
	Zener Diodes	12-22	↗	↔	
	Bipolar Transistors	12-22	↗	↔	
	Digital Transistors	12-22	↗	↔	
	General Purpose Transistors	12-22	↗	↔	
	Logic	24-28	↗	↔	
EATON	ESD	14-16	↔	↗	
	Fuses	12-16	↔	↔	
	Clips and Holders	14-18	↗	↔	
Everlight	Optocoupler Components	20-26	↗	↔	
Fairchild (ON Semiconductor)	Low Voltage MOSFETS	18-26	↗	↔	
	High Voltage MOSFETS	18-24	↔	SMA	
	IGBTs	16-22	↔	SMA	
	Bridge Rectifiers	12-16	↔	SMA	
	Schottky Diodes	14-18	↗	↔	
	Rectifiers	14-22	↔	↔	
	Switching Diodes	12-42	↗	↔	
	Small Signal MOSFETS	12-18	↗	↔	
	Zener Diodes	20-24	↗	↔	
	Bipolar Transistors	12-22	↗	↔	
	Optocoupler Components	20-22	↗	↔	
Goford Semiconductor	Low Voltage MOSFETS	4-6	↔	↔	
	High Voltage MOSFETS	4-6	↔	↔	
Hollyfuse	Fuses	16	↔	↔	



MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Infineon	Low Voltage MOSFETS	18-32	↗	↔	
	High Voltage MOSFETS	26-30	↗	↔	
	IGBTs	24-32	↗	↔	
	Digital Transistors	12-20	↗	↔	
	General Purpose Transistors	12-20	↗	↔	
	Mil-Aero Transistors	22-38	↗	↔	
Isocom Components	Optocoupler Components	4	↔	↔	
IXYS	High Voltage MOSFETS	28-30	↗	↔	
	IGBTs	28-30	↗	↔	
	Thyristors/Triacs	52-54	↗	↔	
Keystone	Clips and Holders	14-16	↗	↔	
Lite-On	Optocoupler Components	18-20	↗	↔	
Littelfuse	ESD	18-22	↗	↔	
	Diode Arrays	14-16	↗	↔	
	Varistors	18-24	↗	↔	
	Fuses	16-26	↗	↔	
	PTC Fuses	12-14	↔	↔	
	Clips and Holders	12-14	↗	↔	
	Thyristors/Triacs	18-20	↗	↔	
	TVS Diodes	24	↗	SMA	
Sensors	20	↗	↔		
Micro Commercial Components	Schottky Diodes	10-16	↗	SMA	
	Switching Diodes	10-16	↗	SMA	
	Zener Diodes	10-16	↗	SMA	
	General Purpose Transistors	10-16	↗	↔	



MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Microsemi	High Voltage MOSFETS	28-32	↔	↔	
	IGBTs	28-32	↗	↔	
	Mil-Aero Diodes	32-52	↗	SMA	
	Mil-Aero Transistors	32-52	↗	SMA	
Nexperia	Low Voltage MOSFETS	28-32	↗	↔	
	ESD	8-16	↗	SMA	
	Schottky Diodes	10-14	↗	SMA	
	Switching Diodes	10-14	↗	SMA	
	Small Signal MOSFETS	10-14	↗	↔	
	Zener Diodes	10-14	↗	SMA	
	Bipolar Transistors	10-14	↗	SMA	
	Digital Transistors	10-14	↗	SMA	
	General Purpose Transistors	10-14	↗	SMA	
	Logic	10-14	↗	↔	
ON Semiconductor	Low Voltage MOSFETS	16-22	↗	↔	
	ESD	10-22	↗	↔	
	Schottky Diodes	12-22	↗	SMA	
	Rectifiers	14-22	↔	↔	
	Switching Diodes	12-22	↗	SMA	
	Small Signal MOSFETS	12-22	↗	SMA	
	Zener Diodes	12-22	↗	SMA	
	Bipolar Transistors	12-22	↗	SMA	
	Digital Transistors	12-22	↗	SMA	
	General Purpose Transistors	12-22	↗	SMA	
Logic	14-28	↗	↔		
ProTek Devices	Diode Arrays	14-18	↔	↔	
Renesas	Optocoupler Components	24-32	↗	↔	
ROHM	High Voltage MOSFETS	22-28	↗	↔	
	Schottky Diodes	14-24	↗	↔	
	Switching Diodes	18-22	↗	↔	
	Digital Transistors	20-24	↗	↔	
	General Purpose Transistors	20-24	↗	↔	



MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Schurter	Fuses	14-26	↗	↔	
	Clips and Holders	14-18	↗	↔	
Semtech	Diode Arrays	10-14	↔	↔	
	Mil-Aero Diodes	22-32	↗	↔	
ST Microelectronics	Low Voltage MOSFETS	26-32	↗	↔	
	High Voltage MOSFETS	20-32	↗	↔	
	IGBTs	18-22	↔	SMA	
	ESD	22-26	↗	↔	
	Thyristors/Triacs	24-28	↗	↔	
	TVS Diodes	20-22	↗	↔	
	Rectifiers	12-14	↔	↔	
	Bipolar Transistors	12-22	↗	↔	
Taiwan Semiconductor	Low Voltage MOSFETS	14-16	↔	↔	
	ESD	14-16	↔	↔	
	Schottky Diodes	14-16	↔	↔	
	Rectifiers	14-16	↔	↔	
	Switching Diodes	14-16	↔	↔	
	Small Signal MOSFETS	14-16	↔	↔	
	Zener Diodes	14-16	↔	↔	
	Bipolar Transistors	14-16	↔	↔	
	Digital Transistors	14-16	↔	↔	
	General Purpose Transistors	14-16	↔	↔	
Logic	14-16	↔	↔		
TDK EPCOS	Varistors	20-24	↗	↔	
TE Connectivity	PTC Fuses	12-14	↔	↔	
Vishay	Low Voltage MOSFETS	16-22	↔	SMA	
	High Voltage MOSFETS	18-20	↔	SMA	
	TVS Diodes	24-28	↗	↗	
	Bridge Rectifiers	14-16	↔	↔	
	Rectifiers	12-22	↔	↔	
	Zener Diodes	16-20	↗	↔	
	Optocoupler Components	16-20	↗	↔	



Electromechanical

MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
AVX	Timing	14-16	↔	↔	
Aavid	Fans	14-16	↔	↔	
	Heatsinks	14-16	↔	↗	
Abracon	Timing	14-26	↗	↔	
ADDA	Fans	14-18	↔	↗	
Alps Electric	Switches	14-26	↗	↗	
American Zettler	Relays	14-28	↔	↔	
Bivar	Hardware	8-10	↔	↔	
C&K	Switches	14-22	↗	↗	
Citizen Finedevice	Timing	14-22	↗	↔	
	Power Supplies (AC/DC)	14-22	↔	↔	
COSEL	Power Supplies (DC/DC)	14-18	↔	↔	
	Switches	10-12	↔	↔	
CTS	Timing	10-12	↔	↔	
	Power Supplies (AC/DC)	12-14	↔	↔	
CUI Inc	Power Supplies (DC/DC)	14-16	↔	↔	
	Heatsinks	12-14	↔	↔	
Delta	Fans	20-22	↔	↔	
Diodes Inc	Timing	10-12	↔	↔	



MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
E-Switch	Switches	16-18	↔	↗	
EPSON Electronics America	Timing	12-20	↗	↔	
Fox	Timing	12-14	↔	↗	
Grayhill	Switches	18-20	↗	↗	
Heyco	Hardware	8-10	↔	↔	
Hongfa	Relays	14-34	↔	↔	
Infineon	Relays	20-24	↔	↔	
IXYS	Relays	10-16	↔	↔	
Keystone	Hardware	6-8	↔	↔	
Kyocera International	Timing	14-16	↔	↔	
Meanwell	Power Supplies (AC/DC)	16-18	↔	↔	
Mornsun	Power Supplies (AC/DC)	6	↔	↔	
	Power Supplies (DC/DC)	6	↔	↔	
Murata	Timing	10-12	↔	↔	
Murata Power Solutions	Power Supplies (AC/DC)	14-16	↔	↔	
	Power Supplies (DC/DC)	14-16	↔	↔	



MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Myrra	Power Supplies (AC/DC)	16-18	↔	↔	
NKK Switches	Switches	12-20	↔	↗	
NMB	Fans	12-14	↔	↗	
Ohmite	Fans	12-14	↗	↗	
Omron	Switches	14-16	↔	↔	
Panasonic	Relays	16-38	↔	↔	
	Switches	12-14	↔	↗	
Qualtek	Fans	16-18	↔	↔	
Ralton	Timing	12-18	↔	↔	
RECOM	Power Supplies (AC/DC)	14-20	↔	↔	
	Power Supplies (DC/DC)	14-20	↔	↔	
Schneider Electric	Relays	16-18	↔	↔	
Song Chuan	Relays	16-18	↔	↔	
SUNON	Fans	18-20	↗	↗	
TE Sensor Solutions	Relays	14-16	↔	↔	All stable except the IM Relay series- allocation- 54+weeks
	Switches	12-14	↔	↔	
Vicor	Power Supplies (AC/DC)	22-24	↗	↔	
	Power Supplies (DC/DC)	22-24	↗	↔	



High-End

MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Compulab	SOM	18	↔	↔	
	8 bit MCU	18-26	↗	↔	
Cypress	32 bit MCU	18-26	↗	↔	
	USB	10-12	↔	↗	
	Automotive	22-26	↔	↔	
DKE	E-paper Display	8-10	↔	↔	
Formerica	Fibre Optic Transceivers	10-14	↗	↔	
Infineon	Automotive	34	↔	↔	
Lattice Semiconductor	FPGA	14-16	↗	↗	
	8 bit MCU	14-18	↗	↔	
	32 bit MCU	18-24	↗	↔	
Microchip	PHY/ Ethernet	20	↔	↗	
	USB	10-12	↔	↗	
	32 bit MPU	14	↔	↔	
Microsemi	FPGA	14-18	↔	↔	
	PHY/ Ethernet	10-12	↔	↗	
	8 bit MCU	18-20	↗	↔	
	32 bit MCU	18-20	↗	↔	
NXP	Automotive	18-20	↗	↔	
	32 bit MPU	20	↗	↔	
	Network Processors	16-18	↗	↔	
Raystar	LCDs	6-8	↔	↔	
	8 bit MCU	22	↔	↔	
	32 bit MCU	22	↔	↔	
Renesas	Automotive	32	↔	↔	
	32 bit MPU	26	↔	↔	
Renesas Synergy	32 bit MCU	14-16	↔	SMA	
Sharp	LCDs	22-26	↔	↗	
	8 bit MCU	14-16	↗	↔	
	32 bit MCU	14	↔	↔	
ST Microelectronics	Automotive	52	↔	↔	
	32 bit MPU	20	↔	↔	
Zilog	8 bit MCU	24-28	↗	↔	



Interconnect

MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Adam Tech	D-Sub Connectors	14-16	↔	↔	
	PCB Connectors	14-16	↔	↔	
Altech Corp.	Terminal Blocks & Crimps	8-10	↔	↔	
Amphenol ICC	D-Sub Connectors	10-12	↔	↔	
	Data & Telecom	10-12	↔	↔	
	PCB Connectors	10-12	↔	↔	
	FFC/FPC	10-12	↔	↔	
Amphenol Sine System	Circular Connectors	14	↔	↔	
AVX	Lighting Connectors	12-14	↗	↔	
Connfly	PCB Connectors	16	↔	↔	
Degson	Terminal Blocks & Crimps	14	↗	↔	
EDAC	PCB Connectors	12-16	↔	↔	
Greenconn Technology	PCB Connectors	4-6	↔	↔	Subject to raw material cost



MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
HALO Electronics	Data & Telecom	18-20	↔	↔	
HARTING	PCB Connectors	10-12	↔	↔	
	PCB Connectors	10-14	↗	↗	
Hirose Electric	RF Connectors	12-14	↗	↗	
	FFC/FPC	12-14	↗	↗	
JST	PCB Connectors	18-28	↔	↔	
	PCB Connectors	6-8	↔	↔	
Mil-Max	IC Sockets	6-8	↔	↔	
Omron	PCB Connectors	14-16	↔	↔	
Sullins	PCB Connectors	8-10	↔	↔	
	Automotive Connectors	18-22	↗	↔	
	Circular Connectors	42	↗	↔	
	Relays	54+	↗	↔	
	D-Sub Connectors	10-12	↗	↔	
TE Connectivity	Data & Telecom	10-12	↗	↔	Longer Lead Time for Terminals & Contacts
	PCB Connectors	10-12	↗	↔	
	RF Connectors	14-16	↗	↔	
	IC Sockets	8-10	↗	↔	
	Terminal Blocks & Crimps	16-18	↗	↔	
	Lighting Connectors	10-12	↗	↔	
WAGO	Terminal Blocks & Crimps	10-12	↔	↔	
	Lighting Connectors	10-12	↔	↔	
WECO	Terminal Blocks & Crimps	10-12	↔	↔	



Opto/Lighting

MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Bridgelux	Chip On Board (CoB)	8-10	↔	↔	
Dialight	Indication LEDs	12-18	↗	↔	
Everlight	Automotive LEDs (AEC-Q101 Certified)	10-12	↔	↔	
	Infrared Components/ LED	10-12	↔	↔	
	Indication LEDs	10-12	↗	↔	
	UV LEDs	10-12	↔	↔	
Excellence Optoelectronics Inc.	Automotive LEDs (AEC-Q101 Certified)	8-10	↔	↔	
General Luminaire	Standard Light Engines (Level 2 Boards)	10-12	↔	↔	
Inolux	Indication LEDs	8-10	↔	↔	
Kingbright	LED Displays	14-16	↔	↗	
	Indication LEDs	14	↔	↔	
Lite-On	Infrared Components/ LED	8-10	↔	↔	
	LED Displays	10-12	↔	↔	
	Indication LEDs	10-12	↔	↔	
Lumex	LED Displays	14	↔	↔	
	Indication LEDs	10-16	↔	↔	
Lumileds	Illumination High Power LEDs (White)	12-14	↗	↗	
	Illumination High Power LEDs (Colors)	12-14	↗	↗	
	Illumination High Power LEDs (White & Colors)	10-12	↔	↔	
	Automotive LEDs (AEC-Q101 Certified)	16-18	↗	↗	
	Chip On Board (CoB)	12-14	↗	↗	
	Standard Light Engines (Level 2 Boards)	14-16	↗	↗	
	Infrared Components/ LED	10-12	↔	↔	
	UV LEDs	10-12	↔	↔	



MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Nichia	Illumination High Power LEDs (White)	8-10	↔	↔	
	Illumination High Power LEDs (Colors)	10-12	↔	↔	
	Illumination High Power LEDs (White & Colors)	8-10	↔	↔	
	Chip On Board (CoB)	8-10	↔	↔	
Raystar	OLEDs	10-12	↙	↙	
	TFT Displays	10-12	↔	↙	
ROHM	Infrared Components/ LED	8-10	↔	↔	
	Indication LEDs	12-14	↔	↔	
Samsung LED	Illumination High Power LEDs (White)	10-12	↔	↔	
	Illumination High Power LEDs (White & Colors)	8-10	↔	↔	
	Chip On Board (CoB)	8-10	↔	↔	
	Standard Light Engines (Level 2 Boards)	12-14	↔	↔	
Seoul Semiconductor	Illumination High Power LEDs (White)	10-12	↔	↔	
	Illumination High Power LEDs (White & Colors)	8-10	↔	↔	
	Chip On Board (CoB)	8-10	↔	↔	
	Standard Light Engines (Level 2 Boards)	12-14	↔	↔	
Seoul Viosys	UV LEDs	8-10	↔	↔	
Stanley Electric	LED Displays	14	↔	↔	
	Indication LEDs	12-14	↔	↔	
SunLed	LED Displays	10-12	↔	↔	
Team Source	TFT Displays	6-8	↔	↔	
TT Electronics- Optek Technology	Infrared Components/ LED	10-12	↗	↔	
VCC	Indication LEDs	14	↔	↔	
Vishay	Infrared Components/ LED	10-22	↔	↔	
	Indication LEDs	10-32	↔	↔	
	UV LEDs	8-10	↔	↔	



Memory

MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
ADATA	Memory Modules	8-10	↔	↔	
	Memory Cards	8-10	↔	↔	
	Solid State Drives (SSD)	8-10	↔	↔	
Adesto Technologies	NOR Flash	6-14	↔	↔	
	DATA Flash	10-12	↔	↔	
Alliance Memory	PC (Commodity) DRAM	6-10	↔	↔	Not affected by Covid-19; High Stock Inventories
	Mobile DRAM	10-12	↔	↔	
	SRAM	8-12	↔	↔	
	NOR Flash	8-10	↔	↔	
Cypress	SRAM	10-18	↗	↔	
	NOR Flash	12-20	↗	↔	
	FRAM & NVSRAM	18-30	↗	↔	
Everspin Technologies	MRAM	10-16	↔	↔	
Greenliant	eMMC	10-14	↔	↔	
	Solid State Drives (SSD)	12-14	↔	↔	
Kingston	PC (Commodity) DRAM	8-10	↔	↔	
	Mobile DRAM	8-10	↔	↔	
	Memory Modules	8-10	↔	↔	
	eMMC	8-10	↔	↔	
	Memory Cards	6-8	↔	↔	
	Solid State Drives (SSD)	6-8	↔	↔	
Macronix	NOR Flash	10-14	↗	↔	
	SLC NAND Flash	10-12	↗	↗	
	eMMC	10-14	↔	↔	



MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Microchip	NOR Flash	10-18	↔	↔	
	EEPROM	8-16	↔	↔	
	EPROM	8-14	↔	↔	
Micron	PC (Commodity) DRAM	14-16	↔	↔	
	Memory Modules	16-18	↔	↔	
	eMMC	16-18	↗	↗	
	Solid State Drives (SSD)	16-18	↔	↔	
ON Semiconductor	EEPROM	10-22	↗	↔	
Panasonic	Memory Cards	14-28	↔	↔	
Renesas	SRAM	20-22	↔	↔	Some changes and delay on assembly; Supply is highly constraint due to Fab
Samsung	PC (Commodity) DRAM	14-16	↔	↔	
	Memory Modules	16-18	↔	↔	
	eMMC	16-18	↗	↗	
	Solid State Drives (SSD)	16-18	↔	↔	
SkyHigh Memory	SLC NAND Flash	8-10	↗	↗	
	eMMC	10-12	↔	↔	
STMicroelectronics	EEPROM	16-20	↗	↔	



Passives

MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Apl Delevan	Inductors	22-50	↔	↔	
	Capacitors- Supercapacitors	16-18	↔	↔	
	Capacitors- Tantalum Molded	32	↗	↗	
	Capacitors- Tantalum Conformals	54	↔	↔	
	Capacitors- Polymer Tantalum	16	↗	↔	
AVX	Surface Mount General Capacitors- Ceramic (Less than 1 uf)	16-18	↗	↔	
	Surface Mount General Capacitors- Ceramic (Greater than 1 uf)	16-18	↗	↔	Excluding 1206+ sizes
	Lead Capacitors-Ceramic	22-30	↔	↔	
	Specialty Capacitors	22-32	↔	↔	
Coilmaster Electronics	Filters- Common Mode Choke	4-6	↔	↔	
	High Frequency Transformer	8-10	↔	↔	
	Inductors	6-8	↔	↔	
	LAN Magnetics Transformer	6-8	↔	↔	
CTS	Resistor Networks	12-16	↔	↔	
Eaton	Capacitors- Supercapacitors	12-16	↔	↔	
	Inductors	16-18	↗	↔	
ELNA	Capacitors- Supercapacitors	22-32	↘	↔	
Faratronic	Capacitors- Film	14-16	↔	↔	
HALO Electronics	Inductors	16-20	↗	↔	
Murata	Filters	14-20	↔	↔	
	Inductors	14-24	↗	↗	
	Surface Mount General Capacitors- Ceramic (Less than 1 uf)	12-14	↗	↔	
	Surface Mount General Capacitors- Ceramic (Greater than 1 uf)	12-18	↗	↔	Excluding 1206+ sizes
	Leaded Capacitors- Ceramic	20-22	↔	↔	
NIC Components	Specialty Capacitors	14-16	↔	↔	
	Electrolytic	20-22	↗	↔	
	Filters	10-14	↔	↗	
	Inductors	16-20	↗	↔	
	Fixed Resistors	16	↔	↔	
	Surface Mount General Capacitors- Ceramic (Less than 1 uf)	30	↗	↔	
	Surface Mount General Capacitors- Ceramic (Greater than 1 uf)	30	↗	↗	Excluding 1206+ sizes
Leaded Capacitors- Ceramic	16-18	↔	↔		



MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
Nichicon	Electrolytic	22-26	↗	↔	
Nippon Chemi-Con	Electrolytic	18-24	↔	↔	
Panasonic	Trimmers & Pots	EOL			
	Electrolytic	20-26	↗	↔	
	Capacitors- Polymer Tantalum	16-18	↗	↔	
	Inductors	22	↔	↔	
	Fixed Resistors	12-14	↔	↔	
	Resistor Networks	20	↔	↗	
Pancon Corp.- Paktron	Capactors- Film	12-14	↔	↗	
ROHM	Fixed Resistors	Allocation			
	Resistor Networks	Allocation			
Royal Ohm	Resistor Networks	12-14	↔	↔	Longer Lead time on Precision SMDs LT 16-18
Samwha Electric	Electrolytic	16	↔	↔	Longer Lead time on SMDs, LT 18-20
Samsung Electro-Mechanics	Fixed Resistors	47+	↗	↗	
	Surface Mount General Capacitors- Ceramic (Less than 1 uf)	18-26	↗	↗	
	Surface Mount General Capacitors- Ceramic (Greater than 1 uf)	24-26	↗	↗	Excluding 1206+ sizes
Stackploe Electronics	Fixed Resistors	20	↗	↔	
Sumida	Inductors	18-28	↔	↔	
TDK EPCOS	Capacitors- Film	22+	↗	↔	
	Filters	16-28	↔	↔	



MANUFACTURER	PRODUCT	LEAD TIME (WKS)	TREND	PRICING	COMMENTS
TT Electronics- BI Technologies	Trimmers & Pots	10-22	↔	↔	
TT Electronics- IRC	Fixed Resistors	22-32	↗	↔	
United Chemi-Con	Electrolytic	20-22	↗	↔	
Viking	Surface Mount General Capacitors- Ceramic (Less than 1 uf)	28-32	↔	↗	
	Surface Mount General Capacitors- Ceramic (Greater than 1 uf)	32	↗	↗	Excluding 1206+ sizes
Vishay	Trimmers & Pots	12-16	↔	↔	
	Capacitors- Film	14-18	↔	↔	
	Capacitors- Supercapacitors	16-18	↔	↔	
	Capacitors- Tantalum Molded	32	↗	↗	
	Capacitors- Tantalum Conformals	44	↔	↔	
	Capacitors- Polymer Tantalum	16-18	↗	↔	
	Inductors	22-80	↗	↔	
	Fixed Resistors	22	↗	↗	
	Resistor Networks	EOL			
	Surface Mount General Capacitors- Ceramic (Less than 1 uf)	20-22	↔	↔	
Walsin Technology Corp.	Leaded Capacitors- Ceramic	14-18	↔	↔	
	Specialty Capacitors	12-14	↔	↔	
Walsin Technology Corp.	Surface Mount General Capacitors- Ceramic (Less than 1 uf)	18-22	↔	↔	
	Surface Mount General Capacitors- Ceramic (Greater than 1 uf)	22	↗	↔	
WIMA	Capacitors- Film	14-16	↔	↔	
Würth Elektronik	Inductors	18-32	↗	↗	
Yageo	Fixed Resistors	24	↘	↗	
	Resistor Networks	24	↘	↗	
	Surface Mount General Capacitors- Ceramic (Less than 1 uf)	26-28	↔	↗	
	Surface Mount General Capacitors- Ceramic (Greater than 1 uf)	26-28	↔	↗	Excluding 1206+ sizes



Market Insight



Easby Electronics

- EASBY Electronics are pleased to announce the signing of a great new franchise effective 1st June 2020. OMRON Electronic Components. Their stocking profile will consist of many lines across Sensors, Relays, Switches and Connectors.



Analog Device

- Issues in testing phase at plant continue to make lead times unstable with unplanned pushouts.
- Analog devices buys Maxim Integrated for \$20bn



STMicroelectronics

- STM32/STM8 lead times pushed from 12 to 24wks



NXP

- Price increase on legacy products. Contact EPO for full list.



Microchip

- 7.5% Price increase on legacy products. Contact Rebound for full list.



Xilinx

- Xilinx have cancelled the 25% price increase due to take effect last month and pushed this back to 2021 after the impact of Covid 19 – the series due for price increase were - Coolrunner, Coolrunner-II, XC95xxXL CPLDs, XC18Vxx, Platform Flash, Platform Flash XL Configuration Memory, Spartan-2, Spartan-3, Spartan-3E, Spartan-3A, Spartan-3AN, Spartan-3A DSP, Virtex-4, Virtex-5, spartan-6, Virtex-6, Artix-7, Kintex-7 and Virtex-7



Molex

- Capacity issues on some connectors produced in their Mexico plant due to the fact they are working to 20% capacity due to Covid.



Epson

- Price increase of 30% + on some Quartz crystals due to Covid.



Cree

- XHP35A**** becoming obsolete



Infineon

- Small Signal transistors and diode on EOL



Dialog Semiconductor

- Dialog Semiconductor Announces Completion of its Acquisition of Adesto Technologies. The potential deal announced in February has now been completed.

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