

MONTHLY MARKET UPDATE - NOV. 3, 2020

MEMORY

PASSIVES

CONNECTORS

DISCRETES

TEXAS INSTRUMENTS

Part/Series	Pricing	Lead Time	Notes
BQ Series, CSD Series, TPA Series	Immediate stock pricing changing daily		These series' are in shortage conditions.

MICROCHIP / ATMEL

Part/Series	Pricing	Lead Time	Notes
ATMEGA Series		Increased from 10 weeks to 22+ weeks.	

ST MICROELECTRONICS

Part/Series	Pricing	Lead Time	Notes
STM32F1/0 Series	Immediate stock pricing changing daily		Quantities are limited for the end customer. The market for this series is in shortage and customers are not receiving 100% allocation from the manufacturer.

MAXIM INTEGRATED

Part/Series	Pricing	Lead Time	Notes
DS Series, including parts DS2788E+ & DS18S20Z		Up to 10 weeks	Manufacturer production issues are causing delivery delays.

NXP / FREESCALE

Part/Series	Pricing	Lead Time	Notes
PCA / TJA / TEA Series		16-18 weeks	
LPC Series	Market pricing for available stock is increasing	28-32 weeks	Delivery schedules are pushed out until next year.
NXP Sensors		26+ weeks	
MK0 serials, sensors and 5G application parts		26-39 weeks	These parts are in shortage due to lead time extensions.
MCIMX6xxxxx/ MCIMX8xxxxx		22+ weeks	
LS10xxxxx/ P10xxx P20xxxx/ MPC8Xxxx		24+ weeks	
MKL0xxxxx/ MC3xxxx S9Scxxx		24+ weeks	

CYPRESS

Part/Series	Pricing	Lead Time	Notes
CY7C/CY8C Series		30+ weeks	
CY8C4014, CY8C4024, CY8C4025, CYUSB3XXX, CYPD5XXX Series			These series' are difficult to pull in.
Ex-Ramtron FM Series	Stable	Stable 4-6 weeks	

ANALOG DEVICES

Part/Series	Pricing	Lead Time	Notes
ADM Series, parts including ADM2587, ADM2687 and AMD305		Unstable	Lead times are unstable due to insufficient capacity. These parts are on allocation and are difficult to pull in.

MONTHLY MARKET UPDATE - CONTINUED

XILINX

Part/Series	Pricing	Lead Time	Notes
PROMs, Virtex-5, Virtex-7 & Spartan-3A(XA)		Last time buy date is October 2, 2021	EOL announced in October 2020 with no direct replacement.
Spartan-II		Last time buy date is January 1, 2022 Last time ship date is January 1, 2023	EOL announced in October 2020 with no direct replacement.
Virtex-5, Virtex-6, Virtex-7, Kintex-7, Artix-7, Zynq-700		Last time buy date is October 2, 2021 Last time ship date is April 2, 2022	EOL announced in October 2020.
Spartan-6, Virtex-6, Kintex-7, Virtex7	25% increase effective April 5, 2021		All orders need to be loaded into Xilinx by December 23, 2020 to keep existing prices & for shipment by April 2, 2021.

AKM (ASAHI KASEI MICROSYSTEMS)

Part/Series	Pricing	Lead Time	Notes
DAC and ADC Parts			The three-day fire in late October at Nobeoka City factory of AKM (Asahi Kasei Microsystems) will cause crucial DAC and ADC chip shortage, especially in the pro-audio sector.

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MEMORY

MACRONIX

Part/Series	Pricing	Lead Time	Notes
Legacy and Current NOR Flash Series	Stable in 4Q20 Legacy pricing will gradually increase in near future	Legacy: 12 weeks Current: 6-8 weeks	Parts impacted: Legacy - 64M bit and below E version / 128M bit and below F version Current - 64M bit and below F version / 128M bit and below G version
NAND Flash	The shift to 19nm brings a 8-15% price increase.		Macronix is trying to move to a 19nm process from their 36nm process.
4G18AC Series			This series is under a 36nm process and the factory is not taking any orders in effort to switch to the new 19nm process.

SAMSUNG

Part/Series	Pricing	Lead Time	Notes
RDIM and SSD	Dropping 7-8%		
EMMC/EMCP/DDR4			These parts are in a shortage condition.
Enterprise SSD			A possible shortage could come soon.

WINDBOND

Part/Series	Pricing	Lead Time	Notes
NOR Flash W25Q Series, especially the 64M Series	Increasing 30-40%	Unstable	
NAND W29N and W25N series	Increasing		These parts are becoming out of stock.

KINGSTON

Part/Series	Pricing	Lead Time	Notes
All modules and SSD		Most customers want a 1-2 delivery window but Kingston is unable to accept new schedule	Limited stock is available.
SSD models with 250G-1T capacity	Increased 6-9%		
SSD models with 2T capacity	Increased 3%		
DDR4	Increased 10-12%		
Flash cards with 16/32/64GB capacity	Increased 5-10%		

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PASSIVES

SAMSUNG ELECTRO-MECHANIC

Part/Series	Pricing	Lead Time	Notes
0603/0805-6.3V/10V -106, 226, 104 and 105			These parts are in a shortage condition.

MURATA

Part/Series	Pricing	Lead Time	Notes
SAW (Surface Acoustic Wave) Components		Stretched from 10 weeks to 14-16 weeks	
LQP03 and LQG15 Series			Demand is increasing.
Automotive parts		Stretched from 14 weeks to 20 weeks	

YAGEO

Part/Series	Pricing	Lead Time	Notes
MLCC :0402 - 104/105/106; 0603 - 104/105/106; 0805 - 104/105/106			These parts are in shortage & will remain until 1Q21.

KEMET

Part/Series	Pricing	Lead Time	Notes
Tantalum Capacitors		18+ weeks	
Tantalum-Polymer Capacitors starting with T521 and T520			Lead time orders will deliver by March /April 2021.
MLCCs		14 weeks	

CONNECTORS

MOLEX

Part/Series	Pricing	Lead Time	Notes
All items with Country of Origin Ireland		Increasing to 25+ weeks	The Ireland plant moved to a new location.

TE CONNECTIVITY

Part/Series	Pricing	Lead Time	Notes
Certain relays for railway applications		Increasing to 60-70 weeks	

DISCRETES

INFINEON

Part/Series	Pricing	Lead Time	Notes
IGBT/Driver/Modules			Demand is strong.

ON SEMICONDUCTOR

Part/Series	Pricing	Lead Time	Notes
Transistors and Pan-soluble Product	Increasing	Increasing	

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