MONTHLY MARKET UPDATE - JUNE 16, 2021

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MAXIM INTEGRATED

Part/Series	Pricing	Lead Time	Notes
Interface, e.g. MAX232EESE+T / MAX3485ESA+T / MAX823TEUK+T / MAX706TESA+T, MAX487ECSA+T / MAX487EESA+T	Increasing	20-34 weeks	These parts are difficult to pull in due to tight capacity and the raw material shortage.
Ex-Dallas Series, e.g. DS3232SN#TR / DS3234SN#T&R / DS1340U-33+T&R / DS1339U-33+T&R	Increasing	24-35+ weeks	These parts are difficult to pull in due to tight capacity and the raw material shortage. Lead times are further stretched.

ANALOG DEVICES

Part/Series	Pricing	Lead Time	Notes
Older vintage products, e.g. Op Amp	Increasing	40 weeks or more	Stock pricing is increasing due to stretched lead times. New lead time buy orders' deliveries are expected at the end of Q2 2022. It's hard to pull in.
ADUMxxx Series	Increasing	32-46 weeks or more	
Ex-Linear Tech Series	Increasing	Up to 42 weeks	

MICROCHIP

Part/Series	Pricing	Lead Time	Notes
Ex-SMSC Series, e.g. LAN8720A, LAN8710A, LAN91C11, USB2514B, USB3320C, USB3340	Increasing	52+ weeks	There is an insufficient capacity issue from wafer fabs for these series. It's hard to receive confirmation dates for new and existing orders. Spot buy pricing can increase up to 10x.
Ex-Micrel Series, e.g. KSZ8041NL, KSZ8081RNBCA-TR, KSZ9031RNXCA-TR			

STMICROELECTRONICS

Part/Series	Pricing	Lead Time	Notes
STM32 Series	Stable & High	52 weeks or more	Small quantities have been released to direct/end customers. The market is still pending allocation.
IMU/MEMS Series, e.g. LIS2DH12TR, LSM6DS3TR, LIS3DHTR	Increasing	31-54 weeks or more	These parts are subject to allocation.

SEMTECH

Part/Series	Pricing	Lead Time	Notes
Interface, e.g. GSxxxx Series	Increasing	26-40 weeks	Lead times are increasing.

ALTERA

Part/Series	Pricing	Lead Time	Notes
EP2 Series	Increasing	Up to 50 weeks	Overall pricing remains unstable and lead times are stretched. Many items are out of stock in the market.
EP3 Series		52 weeks or more	
EP4 Series		16-60 weeks	
MAX II, EPM1/EPM5 Series		46 weeks or more	
Enpirion Series (e.g Enxxx)	Stable	16-30 weeks	Lead times are increasing.

CYPRESS

Part/Series	Pricing	Lead Time	Notes
Ex-Ramtron	Increasing	20-42 weeks	Lead times are further stretching and cannot be expedited. Delivery lead times are unstable.

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TEXAS INSTRUMENTS

Part/Series	Pricing	Lead Time	Notes
TPS Series	Increasing	16-40 weeks or more	Parts are subjected to demand on specific MPNs.
BQ Series	Increasing	20-35 weeks	In shortage

MARVELL

Part/Series	Pricing	Lead Time	Notes
88E1111 Series	Increasing 3x	33-56 weeks	Spot buy pricing for hot parts are only valid for 1 day.
88SE9215 Series	Stable	34 weeks or more	

XILINX

Part/Series	Pricing	Lead Time	Notes
XC95144/XC95288 Series	Increasing	30-35 weeks or more	
XCF01/04/06/08 Series	Increasing	24-36 weeks or more	
XC6 Series	Increasing	20-60 weeks	On allocation
XC7 Series	Increasing	40-90 weeks	On allocation

MEMORY

MICRON

Part/Series	Pricing	Lead Time	Notes
DDR3	Stable	24-32 weeks	Except for 4G industrial temp parts, e.g. MT41K256M16TW-107 IT:P, DDR3 pricing is decreasing 20%, which comes after a sudden increase last month.
DDR4/LPDDR4	Stable	28-36 weeks	Some popular items have resumed lead time offers.
MT25 Series (NOR Flash)	Increasing	On allocation	Micron has suspended lead time offers. Spot market pricing is increasing daily.
MT28 Series (NOR Flash)	Increasing	On allocation	Micron has suspended lead time offers.

MACRONIX

Part/Series	Pricing	Lead Time	Notes
NOR Flash - MX25 Series	Increasing	20-30+ weeks	Parts are subject to allocation. Prices are increasing due to market demand and long lead times.
NAND Flash - MX29 Series		20-28+ weeks	

ISSI

Part/Series	Pricing	Lead Time	Notes
DRAM/IS4 Series	Increasing 12% - 30%	14-26 weeks	The cost of wafer continues to rise. DDR3 parts are most impacted.
NOR Flash, IS25 Series	Stable	22-44 weeks	Difficult to support these parts.

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PASSIVES

TAIYO YUDEN

Part/Series	Pricing	Lead Time	Notes
High capacitance MLCCs	Increasing	24-40+ weeks	Taiyo Yuden postponed the shutdown of its Malaysia factory until June 14th due to the number of confirmed positive Covid cases. Lead times are further stretching with the material shortage and capacity issues.
Automotive MLCCs		40 weeks or more	
Small cap sizes e.g. 0201, 0402, etc		24 weeks or more	Orders for new projects or new customers might not be accepted.

YAGEO

Part/Series	Pricing	Lead Time	Notes
Resistors	Increasing	12-16 weeks	

TDK

Part/Series	Pricing	Lead Time	Notes
MLCCs	Unstable	20-30 weeks	
Automotive & 5G parts	Unstable	On allocation	There is a supply issue on high capacitance parts.

SAMSUNG ELECTRO-MECHANICS

Part/Series	Pricing	Lead Time	Notes
CL31 Series	Unstable	20 weeks or more	Lead times are not firm and availability is subjected to allocation.

MURATA

Part/Series	Pricing	Lead Time	Notes
Standard MLCCs	Increasing	20-24 weeks	
Automotive MLCCs, especially for high capacitance parts e.g. 226, 475, 476, 107	Increasing	24 weeks or more	On allocation
SAW Duplexer, e.g. SAYxxx	Increasing	On allocation	There is tight supply and it's hard to receive allocation.
Ferrite Beads BLM Series	Increasing	20-24 weeks	It's hard to receive allocation.

VISHAY

Part/Series	Pricing	Lead Time	Notes
Ex-Dale Resistors, TNPUxxx Series, CRHV xxx Series, NOMCTxxx Series	Increasing	22 weeks or more	In shortage

EPSON/SEIKO

Part/Series	Pricing	Lead Time	Notes
Crystal Units (kHz Series/MHz Series), Crystal Oscillators (Mold type), Gyro Sensors and RTC others	Stable	30-52 weeks	
TCXO Series	Increasing	On allocation	

KEMET

Part/Series	Pricing	Lead Time	Notes
Tantalum Capacitors, T520	Increasing	48-52 weeks	Booking is subject to manufacturer confirmation and allocation.
Tantalum Capacitors, T49 Series	Increasing	24-28 weeks	
MLCCs	Increasing	20-24 weeks	

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DISCRETES

LITTELFUSE

Part/Series	Pricing	Lead Time	Notes
TVS & ESD Series		18-28 weeks	Littelfuse factories are at full capacity and lead times are stretching.
Fuse & PTC Fuse	Stable	12-18 weeks	
Thyristors & Varistors	Increasing	20-24 weeks	

ON SEMICONDUCTOR

Part/Series	Pricing	Lead Time	Notes
Ex-Fairchild Series	Increasing	Up to 54 weeks	There is insufficient capacity and market pricing is subject to market demand.
Ex-Aptina Series	Increasing	42-52 weeks or more	There is insufficient capacity.

INFINEON

Part/Series	Pricing	Lead Time	Notes
MOSFET BSSxxx / Motor Controller BTNxxx / Power Switch IC, BTSxxx / TL Series	Increasing	52+ weeks	There are still long lead times and the parts are still in shortage.
IR Series	Stable	30+ weeks	

VISHAY

Part/Series	Pricing	Lead Time	Notes
Ex-Siliconix MOSFET, Sixxxx Series	Increasing	24-52 weeks or more	

CONNECTORS

TE CONNECTIVITY

Part/Series	Pricing	Lead Time	Notes
IM Relays	Stable	43-56 weeks	MFR is already at full capacity.
Automotive parts	Stable	On allocation	

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