



MARKET UPDATE

—
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A2GLOBAL[®]
electronics + solutions



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AEROSPACE + DEFENSE



FPGAS/CPLDS

Manufacturer	Product	Pricing	Lead Time
Xilinx/AMD	Spartan 6, XC6Sxxx series	Stable	16-26 weeks or more
	Artix 7, XC7Axxx series		18-24 weeks or more
	Virtex-6, XC6Vxx series		

DISCRETE: MOSFETS, RECTIFIERS, TVS DIODES, IGBT

Manufacturer	Product	Pricing	Lead Time
Vishay	MOSFETs	Stable	12-32 weeks or more

ANALOG: OP AMPS, ADCS, CLOCK GENERATORS & SYNTHESIZERS, LOGIC GATES & INVERTERS

Manufacturer	Product	Pricing	Lead Time
Analog Devices	Operational Amplifiers (OP AMPS)	Stable	7-20 weeks or more

MICROCONTROLLERS (MCU) / MICROPROCESSORS (MPU)

Manufacturer	Product	Pricing	Lead Time
NXP / Freescale Semiconductors	MCU, 16-bit	Stable	12-32 weeks or more
	MCU, 32-bit		

MEMORY: DRAM, FLASH MEMORIES

Manufacturer	Product	Pricing	Lead Time
Micron	Flash Memories	Stable	12-20 weeks or more

PASSIVES: CHIP RESISTORS, FIXED INDUCTORS, CERAMIC CAPACITORS

Manufacturer	Product	Pricing	Lead Time
Vishay	Chip Resistor	Stable	18-32 weeks or more

AUTOMOTIVE

MICROCONTROLLERS (MCU) / MICROPROCESSORS (MPU)

Manufacturer	Product	Pricing	Lead Time
Microchip	MCU, 8-bit	Stable	16-52 weeks or more
	MCU, 16-bit		18-52 weeks or more
	MCU, 32-bit		35-52 weeks or more
NXP / Freescale Semiconductors	MCU, 16-bit	Stable	12-32 weeks or more
	MCU, 32-bit		

POWER MANAGEMENT: DC/DC SWITCHING REGULATORS, LINEAR VOLTAGE REGULATORS, POWER DISTRIBUTION SWITCHES

Manufacturer	Product	Pricing	Lead Time
Texas Instruments	DC/DC Switching Regulators	Stable	12-26 weeks or more



AUTOMATION SOLUTIONS

MICROCONTROLLERS (MCU) / MICROPROCESSORS (MPU)

Manufacturer	Product	Pricing	Lead Time
Microchip	MCU, 8-bit	Stable	16-52 weeks or more
	MCU, 16-bit		18-52 weeks or more
	MCU, 32-bit		35-52 weeks or more
Renesas	MCU, 16-bit	Stable	16-32 weeks or more
	MCU, 32-bit		18-32 weeks or more

ANALOG: OP AMPS, ADCS, LOGIC GATES & INVERTERS

Manufacturer	Product	Pricing	Lead Time
Texas Instruments	Operational Amplifiers (OP AMPS)	Decreasing	6-26 weeks or more
Analog Devices	Analog to Digital Converters (ADCs)	Stable	13-26 weeks or more

CONSUMER DEVICES

ANALOG: OP AMPS, ADCS, LOGIC GATES & INVERTERS

Manufacturer	Product	Pricing	Lead Time
Texas Instruments	Operational Amplifiers (OP AMPS)	Decreasing	6-26 weeks or more

POWER MANAGEMENT: DC/DC SWITCHING REGULATORS, LINEAR VOLTAGE REGULATORS, POWER DISTRIBUTION SWITCHES

Manufacturer	Product	Pricing	Lead Time
Texas Instruments	Linear Voltage Regulators	Stable	6-18 weeks or more
	DC/DC Switching Regulators		12-26 weeks or more

FPGAS/CPLDS

Manufacturer	Product	Pricing	Lead Time
Xilinx/AMD	Spartan 6, XC6Sxxx series	Stable	16-26 weeks or more
	Artix 7, XC7Axxx series		18-24 weeks or more
	Kintex UltraScale, XCKUxx series		

CIRCUIT PROTECTION: DC/DC CONVERTERS (BOARD MOUNT), AC/DC CONVERTERS (OFF-BOARD MOUNT)

Manufacturer	Product	Pricing	Lead Time
Cosel	DC/DC Converters (Board Mount)	Stable	12-16 weeks or more



HEALTH CARE

ANALOG: OP AMPS, ADCS, LOGIC GATES & INVERTERS

Manufacturer	Product	Pricing	Lead Time
Texas Instruments	Operational Amplifiers (OP AMPS)	Decreasing	6-26 weeks or more
	Analog to Digital Converters (ADCs)	Stable	12-26 weeks or more

FPGAS/CPLDS

Manufacturer	Product	Pricing	Lead Time
Intel/Altera	Cyclone 10 LP, 10CLxxx series	Stable	24-39 weeks or more
	MAX 10, 10Mxxx series		24 weeks or more
	Cyclone IV, EP4Cxxx series		24-39 weeks or more
	Cyclone III, EP3Cxxx series		24 weeks or more

PASSIVES: CHIP RESISTORS, FIXED INDUCTORS, CERAMIC CAPACITORS

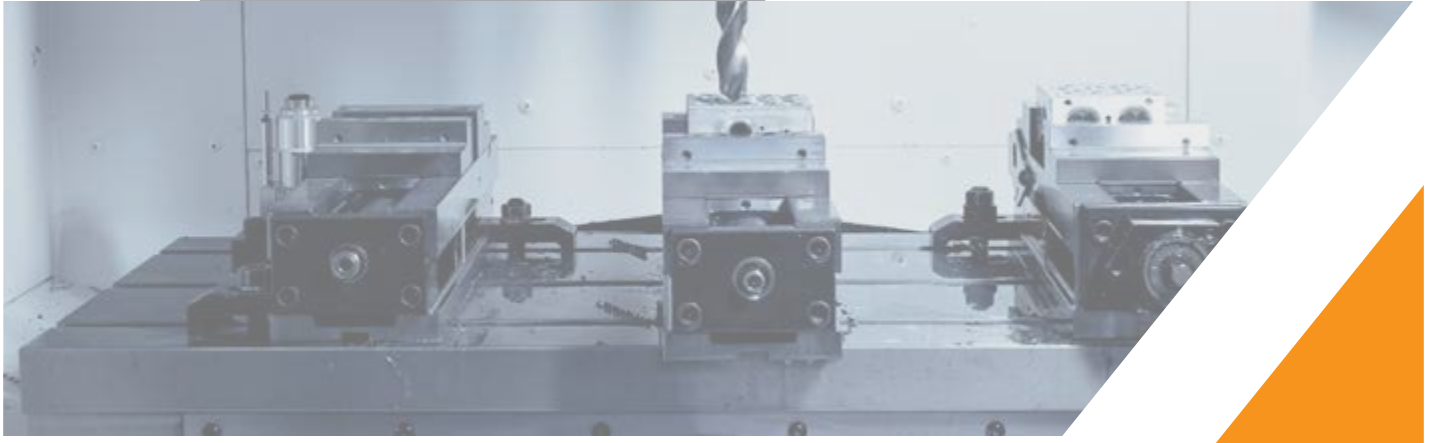
Manufacturer	Product	Pricing	Lead Time
ROHM	Chip Resistor	Stable	12-24 weeks or more
Stackpole Electronics Inc.	Chip Resistor	Stable	13-22 weeks or more

CONNECTORS: RECTANGULAR CONNECTOR HOUSINGS

Manufacturer	Product	Pricing	Lead Time
Hirose	Rectangular Connector Housings	Stable	16-26 weeks or more



INDUSTRIAL MACHINERY



ANALOG: OP AMPS, ADCS, LOGIC GATES & INVERTERS

Manufacturer	Product	Pricing	Lead Time
Texas Instruments	Operational Amplifiers (OP AMPS)	Decreasing	6-26 weeks or more
	Analog to Digital Converters (ADCs)	Stable	12-26 weeks or more

CIRCUIT PROTECTION: DC/DC CONVERTERS (BOARD MOUNT), AC/DC CONVERTERS (OFF-BOARD MOUNT)

Manufacturer	Product	Pricing	Lead Time
Cosel	DC/DC Converters (Board Mount)	Stable	12-16 weeks or more

INTERFACE: DRIVER, RECEIVER AND TRANSCEIVER INTERFACES

Manufacturer	Product	Pricing	Lead Time
Texas Instruments	Driver, Receiver and Transceiver Interfaces	Stable	8-20 weeks or more

FPGAS/CPLDS

Manufacturer	Product	Pricing	Lead Time
Intel/Altera	Cyclone 10 LP, 10CLxxx series	Stable	24-39 weeks or more
	MAX 10, 10Mxxx series		24 weeks or more
	Cyclone V, 5Cxxx series		24-39 weeks or more
	Cyclone IV, EP4Cxxx series		24-39 weeks or more

POWER MANAGEMENT: DC/DC SWITCHING REGULATORS, LINEAR VOLTAGE REGULATORS, POWER DISTRIBUTION SWITCHES

Manufacturer	Product	Pricing	Lead Time
Texas Instruments	Linear Voltage Regulators	Stable	6-18 weeks or more

MODULES

DISCRETE: MOSFETS, RECTIFIERS, TVS DIODES, IGBT

Manufacturer	Product	Pricing	Lead Time
Infineon	MOSFETs	Stable	22-39 weeks or more
ON Semiconductor	Rectifiers	Stable	12-22 weeks or more

CIRCUIT PROTECTION: DC/DC CONVERTERS (BOARD MOUNT), AC/DC CONVERTERS (OFF-BOARD MOUNT)

Manufacturer	Product	Pricing	Lead Time
Analog Devices	DC/DC Converters (Board Mount)	Stable	7-20 weeks or more
Cosel	DC/DC Converters (Board Mount)	Stable	12-16 weeks or more

FPGAS/CPLDS

Manufacturer	Product	Pricing	Lead Time
Xilinx/AMD	Spartan 6, XC6Sxxx series	Stable	16-26 weeks or more
	Artix 7, XC7Axxx series		18-24 weeks or more
	Kintex UltraScale, XCKUxx series		

INTERFACE: DRIVER, RECEIVER AND TRANSCEIVER INTERFACES

Manufacturer	Product	Pricing	Lead Time
Texas Instruments	Driver, Receiver and Transceiver Interfaces	Stable	8-20 weeks or more
Analog Devices/Maxim	Driver, Receiver and Transceiver Interfaces	Stable	7-20 weeks or more

PASSIVES: CHIP RESISTORS, FIXED INDUCTORS, CERAMIC CAPACITORS

Manufacturer	Product	Pricing	Lead Time
Kemet	Ceramic Capacitors	Stable	16-30 weeks or more
Murata	Ceramic Capacitors	Stable	18-23 weeks or more

ANALOG: OP AMPS, ADCS, LOGIC GATES & INVERTERS

Manufacturer	Product	Pricing	Lead Time
Texas Instruments	Operational Amplifiers (OP AMPS)	Decreasing	6-26 weeks or more



