





# **FOCUSED INDUSTRIES**

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### **AEROSPACE + DEFENSE**



#### FPGAS/CPLDS

Manufacturer	Product	Pricing	Lead Time
VIII JAAAD	Spartan 6, XC6Sxxx Series	G. II	16-26 weeks or more
Xilinx/AMD	Artix 7, XC7Axxx Series	Stable	18-24 weeks or
	Virtex-6, XC6Vxx Series		more
	Cyclone 10 LP, 10CLxxx Series		24-39 weeks or more
Intel/Altera	MAX 10, 10Mxxx Series	Stable	24 weeks or more
intel/Altera	Cyclone V, 5Cxxx Series	Stable	24 Weeks of Hibre
	Cyclone IV, EP4Cxxx Series		24-39 weeks or more

### DISCRETE: MOSFETS, RECTIFIERS, TVS DIODES, IGBT

Manufacturer	Product	Pricing	Lead Time
Vishay	MOSFETs	Stable	16-50 weeks or
Visitay	MOSFETS	Stable	more

### **MEMORY: DRAM, FLASH MEMORIES**

Manufacturer	Product	Pricing	Lead Time
Micron	Flash Memories	Stable	12-20 weeks or
WICIOII	i lasti Melliones	Stable	more

### **AUTOMOTIVE**

### MICROCONTROLLERS (MCU) / MICROPROCESSORS (MPU)

Manufacturer	Product	Pricing	Lead Time
Microchip	MCU, 8-bit		16-52 weeks or more
	MCU, 16-bit	Stable	18-52 weeks or more
	MCU, 32-bit		35-52 weeks or more
NXP / Freescale Semiconductors	MCU, 8-bit	Stable	26-32 weeks or more
	MCU, 32-bit	Stable	12-32 weeks or more

# 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
rexas instruments	DC/DC Switching Regulators	Stable	more





# **AUTOMATION SOLUTIONS**

### MICROCONTROLLERS (MCU) / MICROPROCESSORS (MPU)

Manufacturer	Product	Pricing	Lead Time
Microchip	MCU, 8-bit		16-52 weeks or more
	MCU, 16-bit	Stable	18-52 weeks or more
	MCU, 32-bit		35-52 weeks or more
NXP / Freescale Semiconductors	MCU, 8-bit	Stable	26-32 weeks or more
	MCU, 32-bit	Stable	12-32 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

# 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
rexas ilistraments	DC/DC Switching Regulators	Stable	more

### DISCRETE: MOSFETS, RECTIFIERS, TVS DIODES, IGBT

Manufacturer	Product	Pricing	Lead Time
ON Semiconductor	MOSFETs	Stable	26-50 weeks or
ON Serriconductor	MOSILIS	Stable	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

#### 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
	Kintex UltraScale, XCKUxx Series		more

### MICROCONTROLLERS (MCU) / MICROPROCESSORS (MPU)

Manufacturer	Product	Pricing	Lead Time
NXP / Freescale Semiconductors	MCU, 8-bit		26-32 weeks or
	MCO, O DIC	Stable	more
	MCU, 32-bit	Stable	12-32 weeks or
	WCO, 32-DIL		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

#### PASSIVE: CHIP RESISTORS, FIXED INDUCTORS, CERAMIC CAPACITORS

Manufacturer	Product	Pricing	Lead Time
Panasonic	Chip Resistors	Stable	20-36 weeks or
Fallasoffic	Chip Resistors	Stable	more
Murata	Ceramic Capacitors	Stable	10-16 weeks or
	Ceramic Capacitors	Stable	more



# **INDUSTRIAL MACHINERY**

### INTERFACE: DRIVERS, RECEIVERS 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
	Cyclotte 10 Li , 10 CLXXX Series		more
	MAX 10, 10Mxxx Series		24 weeks or more
	Cyclone V, 5Cxxx Series		24 weeks or more
	Cyclone IV, EP4Cxxx Series		24-39 weeks or
	Cyclotte IV, EP4CXXX Series		more

### MICROCONTROLLERS (MCU) / MICROPROCESSORS (MPU)

Manufacturer	Product	Pricing	Lead Time
NXP / Freescale Semiconductors	MCU, 8-bit		26-32 weeks or
	Wico, o bit	Stable	more
	MCU, 32-bit	Stable	12-32 weeks or
	MCO, 32-DIL		more
Texas Instruments	MCII 22 bit	Ctable/Iliab	26-35 weeks or
	MCU, 32-bit	Stable/High	more



### **MODULES**

### DISCRETE: MOSFETS, RECTIFIERS, TVS DIODES, IGBT

Manufacturer	Product	Pricing	Lead Time
Infineon	MOSFETs	Stable	20-46 weeks or
		Stable	more
ST Microelectronics Semi	MOSFETs	Stable	39-52 weeks or
		Stable	more

#### PASSIVE: CHIP RESISTORS, FIXED INDUCTORS, CERAMIC CAPACITORS

TAGGIVE. OTHER REGISTORS, TIMED INDUSTORS, GERALING GALAGITORS			
Manufacturer	Product	Pricing	Lead Time
Murata	Ceramic Capacitors	Stable	18-23 weeks or more
Yageo	Chip Resistors	Stable	18-20 weeks or more

