Q4 2021 Lead Time Report

Sourcengine™

Semiconductor Market Trends

Volatile Memory

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
SRAM	Infineon (Cypress)	20 - 42 weeks	Up ▲	Up ▲	Former Cypress; Almost all devices on allocation; Impacted by Texas
	ISSI	18 - 20 weeks	Up ▲	Stable –	
SDRAM	ISSI	18 - 24 weeks	Up ▲	Up ▲	
	Micron	20 - 26 weeks	Up ▲	Up ▲	
	Winbond	24 - 30 weeks	Up ▲	Up ▲	
DDRI/DDRII	ISSI	20 - 24 weeks	Up ▲	Up ▲	
	Micron	20 - 26 weeks	Up ▲	Up ▲	Customer Support Plan (Allocation)
	Samsung	26 - 30 weeks	Up ▲	Up ▲	
	Winbond	24 - 30 weeks	Up ▲	Up ▲	
DDRIII	ISSI	22 - 24 weeks	Up ▲	Stable –	Extended leadtimes
	Micron	26 - 32 weeks	Up ▲	Up ▲	Customer Support Plan (Strong Allocation)
	Samsung	26 - 30 weeks	Up ▲	Up ▲	Extended leadtimes; DDR3 1Gb + 2Gb EOL´d
	Winbond	28 - 35 weeks	Up ▲	Up ▲	Strong Allocation
DDR 4	Micron	20 - 26 weeks	Up ▲	Up ▲	Customer Support Plan (Allocation)
	Samsung	26 - 30 weeks	Up ▲	Up ▲	Supply is getting tight

Semiconductor Market Trends

Non-Volatile Memory

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
Flash-NOR	Dialog Semi	12 - 26 weeks	Up ▲	Up ▲	Former Adesto. Allocation
	Micron	22 - 28 weeks	Up ▲	Up ▲	Customer Support Plan (Allocation)
	Infineon	22 - 28 weeks	Up ▲	Up ▲	Former Cypress; Almost all NOR devices on Allocation; Impacted by Texas winter storm
	Macronix	24 - 30 weeks	Up ▲	Up ▲	Impact caused by latest sanction against SMIC expected. Price increases already being experienced.
	Winbond	24 - 30 weeks	Up ▲	Up ▲	Impact caused by latest sanction against SMIC expected.
Flash-NAND	Micron	20 - 26 weeks	Up ▲	Up ▲	Customer Support Plan (Allocation)
	Sky High Memory	20 - 26 weeks	Up ▲	Up ▲	Joint Venture “SkyHigh Memory”
	Kioxia	20 - 26 weeks	Up ▲	Up ▲	Kioxia (former Toshiba Memory TME)
	Macronix	24 - 30 weeks	Up ▲	Up ▲	Price increases already being experienced.
	Winbond	24 - 30 weeks	Up ▲	Up ▲	Allocation
Flash-NAND Cards	Western Digital (SanDisk)	15 - 20 weeks	Up ▲	Up ▲	Allocation
EEPROM	Microchip (former Atmel)	26 - 40 weeks	Stable –	Stable –	
	ON Semiconductor	20 - 26 weeks	Up ▲	Up ▲	
	STMicroelectronics	10 - 16 weeks	Up ▲	Up ▲	Price increases already being experienced.
	Microchip	26 - 40 weeks	Stable –	Stable –	

Semiconductor Market Trends

Discrete & Lighting

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
General Discrete	ON Semiconductors	20 - 28 weeks	Up ▲	Up ▲	Several packages up to 52 weeks, for 3k part numbers no new order placement for 2H/21 accepted
	Vishay	20 - 36 weeks	Up ▲	Up ▲	
	TaiwanSemi	20 - 30weeks	Up ▲	Up ▲	Fab constraints on // SMA and SMB series
	STMicroelectronics	20 - 29 weeks	Up ▲	Up ▲	
	Diodes/Zetex	18 - 24 weeks	Up ▲	Up ▲	
	Nexperia (former NXP)	20 - 26 weeks	Up ▲	Up ▲	Allocation on several packages
	Infineon	26 - 40 weeks	Up ▲	Up ▲	
Power	Nexperia (former NXP)	26 - 34 weeks	Up ▲	Up ▲	
	STMicroelectronics	26 - 40 weeks	Up ▲	Up ▲	
	Vishay	20 - 36 weeks	Up ▲	Up ▲	
	Littelfuse	10 - 14 weeks	Up ▲	Up ▲	
	Fairchild (now ONS)	30 - 48 weeks	Up ▲	Up ▲	
	Alpha Omega	26 weeks	Up ▲	Up ▲	
	Infineon	26 - 40 weeks	Up ▲	Up ▲	
Optocouplers	Fairchild (now ONS)	15 - 22 weeks	Up ▲	Up ▲	Some families up to 40 weeks L/T
	Sharp	8 - 12 weeks	Stable –	Stable –	
	Toshiba	16 - 20 weeks	Stable –	Stable –	
	Vishay	16 - 20 weeks	Stable –	Up ▲	
Visible LEDs	Cree	10 - 16 weeks	Stable –	Stable –	LED > 0,5W with 12-16 weeks, various families incl. XPEB, XPGB, XHP50A, XHP70A with 20-52 weeks lead time
	Everlight	12 - 16 weeks	Stable –	Stable –	Increasing lead times on single part numbers
	LiteOn	10 - 14 weeks	Up ▲	Stable –	Increasing lead times on single part numbers due to raw material shortages
	Osram	12 - 16 weeks	Up ▲	Up ▲	Various product families on tight supply, mostly Automotive with 20-24 weeks; Oslon giant 30-52 weeks L/T
	Vishay	16 - 20 weeks	Up ▲	Up ▲	
	Samsung	6 -10 weeks	Stable –	Stable –	Automotive LEDs 20 weeks, LED< 0,5W with increasing L/T

Semiconductor Market Trends

Standard Logic and Linear

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
Logic	Nexperia (former NXP)	15 - 40 weeks	Up ▲	Up ▲	Prices mostly stable for Q1-2021. LT increase in US + Asia region observed. Some LT increase in Europe now. Highest LT increase on Std. Octals/Gates - up to 14 weeks + Single/Dual Tiny Logic up to 14-18 weeks
	ON Semiconductor	15 - 52 weeks	Up ▲	Up ▲	L/Ts increased in general. More and more parts on allocation. Some price increases announced + additional expected in Q2/21
	Texas Instruments	12 - 35 weeks	Up ▲	Up ▲	L/T extending drastically
Linear	STMicroelectronics	16 - 40 weeks	Up ▲	Up ▲	L/T increasing + majority of offering on allocation. Current market situation has led to price increases of 5% + potentially more coming
	Texas Instruments	12 - 35 weeks	Up ▲	Up ▲	
	Toshiba	10 - 14 weeks	Stable –	Stable –	
	ON Semiconductor	12 - 16 weeks	Up ▲	Up ▲	
	Vishay	14 - 18 weeks	Up ▲	Up ▲	

Advanced Analog

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
Dataconverters	Analog Devices	30 - 34 weeks	Up ▲	Up ▲	L/T increasing
	Texas Instruments	35 - 40 weeks	Up ▲	Stable –	L/T increasing
	STMicroelectronics	30 - 35 weeks	Up ▲	Up ▲	Price and L/T increasing
OPA	Analog Devices	30 - 34 weeks	Up ▲	Up ▲	L/T increasing
	Texas Instruments	35 - 40 weeks	Up ▲	Stable –	L/T increasing
	STMicroelectronics	30 - 35 weeks	Up ▲	Up ▲	Price and L/T increasing
Interfaces (LVDS,UART USB)	NXP Semiconductor	30 - 39 weeks	Up ▲	Stable –	
	ADI (former Linear Technology)	30 - 34 weeks	Up ▲	Stable –	L/T increasing
	Texas Instruments	35 - 40 weeks	Up ▲	Stable –	L/T increasing
Multimedia Products	NXP Semiconductor	30 - 52 weeks	Stable –	Stable –	
	STMicroelectronics	30 - 35 weeks	Up ▲	Up ▲	L/T and Price Increases across the board
Power Management (Low Drop, PWM, Switching Reg.)	STMicroelectronics	30 - 35 weeks	Up ▲	Up ▲	L/T increasing
	Texas Instruments	35 - 40 weeks	Up ▲	Stable –	L/T increasing
	Infineon	26 - 43 weeks	Up ▲	Up ▲	
	Analog Devices	30 - 34 weeks	Up ▲	Stable –	L/T increasing

Semiconductor Market Trends

Embedded Processing

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
8 Bit	Silicon Laboratories	16 - 24 weeks	Up ▲	Up ▲	
	NXP Semiconductor	26 - 52 weeks	Up ▲	Up ▲	Constraint production capacity and strong customer booking leading to L/T extend and pricing increase
	Microchip	20 - 42 weeks	Up ▲	Stable –	Price Increases due to critical capacity constraints – PSP program
	STMicroelectronics	20 - 45 weeks	Up ▲	Stable –	
	Infineon	12 - 26 weeks	Up ▲	Up ▲	PSOC impacted by FAB25 power outage, L/T up to 14 weeks longer in EMEA
16 Bit	Texas Instruments	16 - 34 weeks	Stable –	Stable –	L/T up to 10 weeks longer in EMEA
	Infineon	16 - 26 weeks	Up ▲	Up ▲	L/T up to 14 weeks longer in EMEA
	NXP (formerFreescale)	26 - 52 weeks	Up ▲	Stable –	Constraint in production capacity and strong customer booking leading to L/T extend and pricing increase
	Microchip	24 - 44 weeks	Up ▲	Up ▲	Price Increases due to critical capacity constraints – PSP program
	STMicroelectronics	20 - 26 weeks	Up ▲	Stable –	Price Increases due to critical capacity constraints
32 Bit	Intel	18 - 20 weeks	Stable –	Stable –	
	AMD	14 - 26 weeks	Stable –	Stable –	
	Microchip (former Atmel)	26 - 55 weeks	Up ▲	Stable –	Price Increases due to critical capacity constraints – PSP program
	NXP Semiconductor	26 - 52 weeks	Up ▲	Up ▲	Constraint in production capacity and strong customer booking leading to L/T extend and pricing increase
	STMicroelectronics	26 - 45 weeks	Up ▲	Stable –	STM32F0/1/3, STM8A/L/S on allocation.
	Microchip	26 - 55 weeks	Up ▲	Stable –	Price Increases due to critical capacity constraints
	Silicon Laboratories	24 - 30 weeks	Stable –	Stable –	
	Infineon	20 - 26 weeks	Up ▲	Stable –	L/T still increasing and a number of items on tight supply are 3x higher than mid of Q4/20. L/Ts are up to 12 weeks longer in EMEA
DSP	Analog Devices	12 - 26 weeks	Stable –	Stable –	Capacity continues to be tight
	NXP (formerFreescale)	16 - 39 weeks	Up ▲	Stable –	L/T up to 10 weeks longer in EMEA
	Texas Instruments	14 - 35 weeks	Up ▲	Stable –	L/T up to 10 weeks longer in EMEA

Programmable Logic

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
Intel (former Altera)	FPGA	16 - 40 weeks	Stable –	Stable –	Some delays on Stratix driving up the lead time due to flip chip substrate deliveries
	FPGA(8K,10K,Apex)	16 - 26weeks	Stable –	Stable –	EOL high end LTB demand constraints now fixed
	CPLD	14 - 26 weeks	Stable –	Stable –	Substrate Suppliers deliveries significant delay 20nm -180nm - Stratix 10 no delay impact.
	Tools	2 - 4weeks	Stable –	Stable –	

PEMCO Market Trends

Passive

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
Resistors Standard Chip (SMD)	Panasonic	52 - 60 weeks	Stable –	Stable –	Lack of shipping capacity from Asia to Europe
	Vishay	50 - 56 weeks	Stable –	Stable –	Allocation for CRCW
	Yageo	22 - 28 weeks	Stable –	Stable –	
	Walsin	20 - 25 weeks	Stable –	Stable –	WR-series facing Allocation / currently still set as soft allocation
Resistors Networks & Arrays	Bourns	36 - 40 weeks	Stable –	Up ▲	Some specific Bourns Array series can´t be delivered due to raw material shortages (not the high-runner)
	Vishay	30 - 34 weeks	Stable –	Up ▲	
	Yageo	20 - 28 weeks	Stable –	Stable –	Due to Long Term Agreement decreased L/T
	Walsin	18 - 24 weeks	Stable –	Stable –	Some WA-series facing Allocation
Non-Linear Resistors Thermistors (NTC/PTC)	Epcos/TDK	20 - 30 weeks	Stable –	Stable –	
	Murata	18 - 20 weeks	Stable –	Stable –	
	Vishay	20 - 30 weeks	Stable –	Up ▲	Price increase due to increase in raw material and logistic cost
Trimmers & Potentiometers	Bourns	10 - 14 weeks	Down ▼	Stable –	Price increased due to raw material cost
	TTElectronics	18 - 22 weeks	Stable –	Stable –	
	Vishay	20 - 26 weeks	Stable –	Stable –	Price increase due to increase in raw material and logistic cost
Over-Voltage Protection Varistors	AVX/Kyocera	17 - 20 weeks	Stable –	Stable –	
	Bourns	16 - 20 weeks	Stable –	Stable –	Price increase due to increase in raw material and logistic cost
	Littelfuse	25 - 30 weeks	Stable –	Up ▲	Price increase due to increase in raw material and logistic cost
	Epcos/TDK	15 - 22 weeks	Stable –	Stable –	
Over-Voltage Protection Thyristors & TVS Diodes	AVX/Kyocera	10 - 12 weeks	Stable –	Stable –	
	Bourns	14 - 18 weeks	Stable –	Stable –	
Over-Current Protection Fuses	Bourns	16 - 20 weeks	Stable –	Stable –	
	Littelfuse	16 - 20 weeks	Stable –	Up ▲	Price increase due to increase in raw material and logistic cost
	Schurter	21 - 30 weeks	Stable –	Up ▲	Price increase due to increase in raw material and logistic cost
Frequency Control Crystals & Oscillators	AVX/Kyocera	40 - 50 weeks	Up ▲	Up ▲	For Automotive it is 26 weeks with forecast and 52 weeks without forecast
	Abracon	41 weeks	Up ▲	Up ▲	
	Geyer	40 - 45 weeks	Up ▲	Up ▲	14% increase on prices
	IQD	30 - 35 weeks	Up ▲	Up ▲	Upcoming allocation
	TXC	45 - 50 weeks	Up ▲	Up ▲	Some parts up to 72 weeks LT
Frequency Control Resonators	AVX/Kyocera				Ceramics resonators became EOL
	Abracon	9 - 24 weeks	Up ▲	Up ▲	
	Murata	9 - 16 weeks	Stable –	Stable –	

PEMCO Market Trends

Passive (Continued)

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
Frequency Control SAWFilters	Epcos/RF360	12 - 16 weeks	Stable –	Up ▲	Lead time of 16 weeks concerns CSSP components
	Abracon	24 - 38 weeks	Up ▲	Up ▲	
	Murata	16 - 20 weeks	Stable –	Stable –	
Capacitors Ceramic Multilayer (MLCC)	AVX/Kyocera	24 - 28 weeks	Stable –	Stable –	
	Kemet	26 - 32 weeks	Stable –	Stable –	Automotive & HiCV up to 42 weeks
	Murata	24 - 28 weeks	Up ▲	Up ▲	HiCV up to 34 weeks
	Samsung EM	20 - 24 weeks	Up ▲	Up ▲	
	TDK	26 - 30 weeks	Up ▲	Up ▲	Automotive & HiCV up to 30 weeks
	Yageo	26 - 30 weeks	Up ▲	Up ▲	
	Walsin	22 - 26 weeks	Stable –	Up ▲	HiCV up to 36 weeks
Capacitors Tantalum	AVX/Kyocera	28 - 32 weeks	Up ▲	Up ▲	
	Kemet	30 - 34 weeks	Stable –	Up ▲	Polymer up to 52 weeks
	Vishay	40 - 44 weeks	Up ▲	Up ▲	Some high-runners with up to 52 weeks
Capacitors Film	Epcos/TDK	26 - 32 weeks	Up ▲	Up ▲	
	Kemet	24 - 28 weeks	Up ▲	Stable –	
	Vishay	22 - 26 weeks	Stable –	Stable –	
	Wima	18 - 24 weeks	Stable –	Stable –	
Capacitors Aluminium	Epcos/TDK	26 - 30 weeks	Up ▲	Up ▲	Allocation for Snap In Capacitors
	Nichicon	34 - 38 weeks	Up ▲	Up ▲	Hybrid up to 44 weeks
	Lelon	44 - 48 weeks	Up ▲	Up ▲	
	Panasonic	38 - 44 weeks	Up ▲	Up ▲	Hybrid up to 58 weeks
	Vishay	25 - 29 weeks	Up ▲	Up ▲	
Inductors Chokes Coils	Abracon	16 - 22 weeks	Up ▲	Up ▲	
	Bourns	28 - 35 weeks	Stable –	Stable –	
	Eaton	13 - 15 weeks	Stable –	Stable –	
	Epcos/TDK	18 - 22 weeks	Stable –	Up ▲	B82422H*/B82432C* LT up to 52wks; B8273* LT >26wks
	Murata	20 - 25 weeks	Stable –	Stable –	
	Pulse	12 - 20 weeks	Stable –	Up ▲	
	Vishay	20 - 25 weeks	Stable –	Stable –	

PEMCO Market Trends

Passive (Continued)

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
Transformers	Bourns	22 - 28 weeks	Stable –	Stable –	
	Epcos/TDK	16 - 20 weeks	Stable –	Up ▲	
	Pulse	12 - 20 weeks	Stable –	Up ▲	
Ferrites	Epcos/TDK	12 - 20 weeks	Stable –	Up ▲	
	Ferroxcube	25 - 35 weeks	Up ▲	Up ▲	
Filters (EMI)	Epcos/TDK	9 - 13 weeks	Stable –	Up ▲	
	Schaffner	16 - 18 weeks	Stable –	Up ▲	
	TE Connectivity	20 - 22 weeks	Stable –	Stable –	

Connector

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
Headers/Stiks, IDC, DIN, PCB, Mod Jack, GangJack	3M	16 - 18 weeks	Up ▲	Up ▲	
	FCI	24 - 26 weeks	Stable –	Up ▲	
	Molex	25 - 27 weeks	Up ▲	Up ▲	Allocation
	Samtec	5 - 7 weeks	Up ▲	Up ▲	
	TEConnectivity	15 - 18 weeks	Stable –	Stable –	Raw material shortage – higher lead times expected
High Speed Board to Board, High Speed I/O	Amphenol TCS	28 - 30 weeks	Stable –	Stable –	
	FCI	22 - 24 weeks	Stable –	Up ▲	
	Molex	20 - 22 weeks	Up ▲	Up ▲	Allocation
	Samtec	5 - 7 weeks	Up ▲	Up ▲	
	TEConnectivity	18 - 20 weeks	Up ▲	Up ▲	Raw material shortage – higher lead times expected
I/O, D-Sub,Power	FCI	22 - 24 weeks	Stable –	Up ▲	
	ITT Cannon	20- 24 weeks	Up ▲	Stable –	D-Sub up to 52-54 weeks
	Molex	20 - 22 weeks	Up ▲	Up ▲	Allocation
	Samtec	5 - 7 weeks	Up ▲	Up ▲	
PLCC, SIMM, DIMM	FCI	16 - 18 weeks	Stable –	Up ▲	
	Molex	20 - 22 weeks	Up ▲	Up ▲	Allocation
	TEConnectivity	13 - 15 weeks	Up ▲	Up ▲	Raw material shortage – higher lead times expected

PEMCO Market Trends

Connector (Continued)

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
Terminal Blocks, Circular Industrial, Ethernet	Amphenol	28 - 30 weeks	Stable –	Stable –	
	Molex	20 - 22 weeks	Up ▲	Up ▲	Allocation
	Phoenix	8 - 12 weeks	Up ▲	Stable –	Cable Assembly up to 14 weeks
	TEConnectivity	15 -18 weeks	Up ▲	Up ▲	Raw material shortage – higher lead times expected
RF Connectors	Amphenol RF	28 - 30 weeks	Stable –	Stable –	
	Molex	20 - 22 weeks	Up ▲	Up ▲	Allocation
	TEConnectivity	15 - 18 weeks	Up ▲	Up ▲	Raw material shortage – higher lead times expected

Emech

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
Power Relays	Fujitsu	32 -34 weeks	Up ▲	Stable –	FTR-, VE-, FN- & JS series on allocation
	Omron	22 - 24 weeks	Up ▲	Stable –	Omron announced new soft allocation
	PEW	22 - 52 weeks	Up ▲	Stable –	
	TE Connectivity	22 - 26 weeks	Up ▲	Stable –	
Signal- & Telecom Relays	Fujitsu	30 - 70 weeks	Up ▲	Stable –	Signal Relay series FTR-B4 on allocation
	Omron	22 - 24 weeks	Up ▲	Stable –	Omron announced new soft allocation
	PEW	16 - 33 weeks	Up ▲	Stable –	
	TE Connectivity	50 - 70 weeks	Up ▲	Stable –	Global allocation on IM Series
Solid State Relays (incl. Reed- & IO Relays)	Crydom	16 - 18 weeks	Up ▲	Stable –	
	PEW	8- 12 weeks	Up ▲	Stable –	
	TE Connectivity	12 - 14 weeks	Up ▲	Stable –	
Time Delay Relays	Littelfuse	16 - 20 weeks	Up ▲	Stable –	
	TE Connectivity	22 - 24 weeks	Stable –	Stable –	
Safety Relays	Fujitsu	32 - 34 weeks	Up ▲	Stable –	
	Omron	22 - 24 weeks	Up ▲	Stable –	Omron announced new soft allocation
	PEW	33 - 35 weeks	Up ▲	Stable –	Partially on allocation
	TE Connectivity	20 - 24 weeks	Up ▲	Stable –	

PEMCO Market Trends

Emech (Continued)

TECHNOLOGY	SUPPLIER (CLICK COMPANY FOR MORE INFO)	LEAD TIME		PRICE	COMMENTS
		CURRENT	FUTURE TREND (NEXT 3 MONTHS)	FUTURE TREND (NEXT 3 MONTHS)	
Automotive Relays	Omron	22 - 24 weeks	Up ▲	Stable –	Omron announced new soft allocation
	PEW	18 - 28 weeks	Up ▲	Stable –	
	TE Connectivity	20 - 24 weeks	Up ▲	Stable –	
Pushbutton Switches	C&K	20 - 24 weeks	Up ▲	Stable –	
	Honeywell	22 - 24 weeks	Up ▲	Stable –	Tariff increase NA
	Knitter-Switch	8 - 12 weeks	Stable –	Stable –	Not franchised in NA
	NKK	20 - 22 weeks	Up ▲	Stable –	
Slide Switches	C&K	20 - 24 weeks	Up ▲	Stable –	
	Knitter-Switch	8 - 10 weeks	Stable –	Stable –	Not franchised in NA
	NKK	20 - 22 weeks	Up ▲	Stable –	
	TE Connectivity	10 - 12 weeks	Up ▲	Stable –	EOL on Alco Switches
Tactile Switches	C&K	20 - 24 weeks	Up ▲	Stable –	
	Knitter-Switch	8 - 10 weeks	Stable –	Stable –	Not franchised in NA
	Omron	14 - 18 weeks	Up ▲	Stable –	B3S on allocation
Microswitch / SNAP Switches	C&K	20 - 24 weeks	Up ▲	Stable –	
	Honeywell	12 - 14 weeks	Up ▲	Stable –	Tariff increase NA
	Omron	16 - 20 weeks	Up ▲	Stable –	Omron announced new soft allocation
Heatsinks	Aavid	18 - 20 weeks	Stable –	Stable –	
	Fischer	4 - 6 weeks	Stable –	Stable –	Not franchised in NA
Fans	EBM Papst	16 - 18 weeks	Up ▲	Up ▲	