

PERICOM Clock ICs, Interface and LVDs



RoHS compliant This product is RoHS compliant.

PERICOM ASSP XO™ CRYSTAL OSCILLATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pericom Part No.	SMD Package (mm)	Description	Price Each			
				1	25	50	100
729-SHPCIE100	SHPCIE100	7x5	100MHz, 3.3V, HCSSL PCIE2	4.80	4.22	4.02	3.82
729-FNEPON125	FNEPON125	7x5	125MHz, 3.3V, CMOS EPON	1.25	1.09	1.04	.994
729-FDSAS6062	FDSAS6062	5x3.2	62.5MHz, 1.8V, CMOS SAS2	.94	.82	.788	.749
729-FKSSD1025	FKSSD1025	3.2x2.5	25MHz, 2.5V, CMOS SSD	1.00	.87	.837	.795
729-FNSAS2075	FNSAS2075	7x5	75MHz, 3.3V, CMOS SAS2	.96	.84	.804	.764
729-FDSAS2062	FDSAS2062	5x3.2	62.5MHz, 2.5V, CMOS SAS2	.88	.77	.74	.703
729-FNGEPO002	FNGEPO002	7x5	2.048MHz, 3.3V, CMOS G/EPON VoIP	.75	.65	.627	.596
729-FNETHE025	FNETHE025	7x5	25MHz, 3.3V, CMOS Ethernet	.73	.64	.611	.581
729-FNSURV027	FNSURV027	7x5	27MHz, 3.3V, CMOS Surveillance	.73	.64	.611	.581

Analog ICs

Pericom

CLOCK ICs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pericom Part No.	Package	Description	Price Each			
				1	25	50	100
729-PI6C48543LE	PI6C48543LE	TSSOP-20	3.3V, Low Skew Diff to LVDS Fanout Buffer	3.99	3.63	3.28	2.90
729-PI6C48545LE	PI6C48545LE	TSSOP-20	3.3V, Low Skew LVTTTL/LVCMOS to LVDS Fanout Buffer	4.68	4.25	3.84	3.40
729-PI6C10804WE	PI6C10804WE	SOIC-8	1.8V/2.5V, 250MHz, 1:4 Networking Clock Buffer	1.32	1.16	1.10	1.06
729-PI6C20800SAE	PI6C20800SAE	TSSOP-48	3.3V, 100MHz Differential HCSSL Clock Buffer	3.36	3.06	2.76	2.21
729-PI6C20800SVE	PI6C20800SVE	SSOP-48	3.3V, 100MHz Differential HCSSL Clock Buffer	3.34	3.05	2.75	2.44
729-PI6C21200AE	PI6C21200AE	TSSOP-56	3.3V, 400MHz Differential HCSSL Clock Buffer	4.84	3.45	3.43	3.19
729-PI6C48533-01LE	PI6C48533-01LE	TSSOP-20	3.3V, 4 Outputs, Differential to LVPECL Clock Buffer, Selectable inputs	3.71	3.27	3.24	2.96
729-PI6C48535-01LE	PI6C48535-01LE	TSSOP-20	3.3V, 4 Outputs, LVTTTL/LVCMOS to LVPECL Clock Buffer with Selectable inputs	3.71	3.27	3.24	2.96
729-PI6CV2304LE	PI6CV2304LE	TSSOP-8	1:4 PCI (X) Clock Buffer	1.96	1.72	1.69	1.56
729-PI6CV2304WE	PI6CV2304WE	SOIC-8	1:4 PCI (X) Clock Buffer	1.96	1.72	1.69	1.56
729-PI6CV304LE	PI6CV304LE	TSSOP-8	1:4 PCI (X) Clock Buffer	2.06	1.81	1.80	1.65
729-PI6CV304WE	PI6CV304WE	SOIC-8	1:4 PCI (X) Clock Buffer	2.06	1.81	1.80	1.65
729-PI49FCT3805DQE	PI49FCT3805DQE	QSOP-20	3.3V, 2x1:5 CMOS Clock Driver	2.05	1.81	1.79	1.64
729-PI49FCT3807QE	PI49FCT3807QE	QSOP-20	3.3V, 50MHz 1:10-Output Non-Inverting Clock Driver	.75	.66	.65	.60
729-PI6C4511WE	PI6C4511WE	SOIC-8	Wide Range 3.0V - 5V PLL Clock Multiplier	2.17	1.75	1.57	1.40
729-PI6C557-03LE	PI6C557-03LE	TSSOP-16	100MHz, 125MHz Dual PCIe Clock Generator	1.81	1.46	1.31	1.17

VOLTAGE TRANSLATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pericom Part No.	Package	Description	Translator Description	Signal Translator	Price Each			
						1	25	50	100
729-PI90LV028AWE	PI90LV028AWE	SOIC-8	3V LVDS High Speed Differential Line Receiver	LVDS to LVTTTL	I/O	2.92	2.57	2.56	2.34
729-PI90LV032ALE	PI90LV032ALE	TSSOP-16	3V LVDS High Speed Differential Line Receiver	LVDS to LVTTTL	I/O	6.57	5.98	4.30	4.28
729-PI90LV048ALE	PI90LV048ALE	TSSOP-16	Quad Flow-through LVDS Receiver	LVDS to LVTTTL	I/O	3.33	2.94	2.92	2.66
729-PI4ULS3V08MZLE	PI4ULS3V08MZLE	TQFN-32	8-bit Automatic Direction Sensing Voltage Translator	1.5V to 3.3V	Voltage	2.05	1.81	1.80	1.64
729-PI4ULS3V16AE	PI4ULS3V16AE	TSSOP-56	Universal Bi-directional Level Shifter	1.5V to 3.3V	Voltage	3.08	2.72	2.70	2.46

PCI/USB BRIDGE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pericom Part No.	Package	Ports	Lanes	PCI Interface	Price Each			
						1	25	50	100
729-PI7C9X440SLBFDE	PI7C9X440SLBFDE	LQFP-128	4 USB	1	1x PCIe 1.1	21.11	17.07	16.45	15.32
729-PI7C9X442SLBFDE	PI7C9X442SLBFDE	LQFP-128	1 PCIe + 2 USB	3	1x PCIe 1.1	27.41	23.29	21.57	19.87



PCI EXPRESS TO PCI BRIDGE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pericom Part No.	Package	PCI Bus Speed (MHz)	PCI Bus Width	Ports	Lanes	Supply Voltage Typ. (V)	Price Each			
								1	25	50	100
729-PI7C9X111SLBFDE	PI7C9X111SLBFDE	LQFP-128	66	32-Bit	1 PCI	1	3.3	24.96	22.72	21.17	20.28
729-PI7C9X112SLFDE	PI7C9X112SLFDE	LQFP-128	66	32-Bit	1 PCI	1	3.3	31.32	28.53	26.59	25.46
729-PI7C9X130DNDE	PI7C9X130DNDE	PBGA-256	133	64-Bit	1 PCI-X	4	3.3	39.58	33.63	31.15	28.68



RE-DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pericom Part No.	Package	Voltage (Nom.)	Drive	I/O Tolerant	Pins	Price Each			
							1	25	50	100
729-PI2EQX4401DZFE	PI2EQX4401DZFE	TQFN-36	1.8V	0~-3.5dB	Yes	36	3.69	3.26	2.64	2.39

SATA2 REDRIVER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pericom Part No.	Package	Data Rate (Gbps)	Channels	Protocol	Input Equalization (dB)	Output Level Options	Supply Voltage Typ. (V)	Price Each			
									1	25	50	100
729-PI3EQX4951STZDE	PI3EQX4951STZDE	TQFN-20	3	2	SATA2 i/m	2.5, 6.5	1.0x	3.3	2.97	2.43	2.17	1.91
729-PI2EQX4951SLZDE	PI2EQX4951SLZDE	TQFN-20	3	2	SATA2 i/m	2.5, 6.5	1.0x	1.5	2.97	2.43	2.17	1.91
729-PI2EQX6804-ANJE	PI2EQX6804-ANJE	LBGA-100	6.5	8	SAS2, SATA3, XAUI	1.2, 1.5, 2.6, 4.3, 5.8, 7.1, 9, 12.3	0.5, 0.7, 0.9, 1.0V	1.2	14.65	12.31	11.31	10.31
729-PI2EQX6864-AZFE	PI2EQX6864-AZFE	TQFN-56	6.5	8	SAS2, SATA3, XAUI	1.2, 1.5, 2.6, 4.3, 5.8, 7.1, 9, 12.3	0.5, 0.7, 0.9, 1.0V	1.2	13.81	11.32	10.35	9.39



PCI EXPRESS REDRIVER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pericom Part No.	Package	Data Rate	Channels	Protocol	Input Equalization (dB)	Output Level Options	Supply Voltage Typ. (V)	Price Each			
									1	25	50	100
729-PI2EQX5904NJE	PI2EQX5904NJE	LBGA-100	5	8	PCIe 2.0	1.2, 1.5, 2.6, 4.3, 5.8, 7.1, 9.0, 12.3	0.5, 0.7, 0.9, 1.0	1.2	18.81	15.82	14.53	13.25
729-PI2EQX5964ZFE	PI2EQX5964ZFE	TQFN-56	5	8	PCIe 2.0	1.2, 1.5, 2.6, 4.3, 5.8, 7.1, 9.0, 12.3	0.5, 0.7, 0.9, 1.0	1.2	21.25	17.87	16.41	14.97



USB 3.0 REDRIVER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pericom Part No.	Package	Data Rate	Channels	Protocol	Input Equalization (dB)	Output Level Options	Supply Voltage Typ. (V)	Price Each			
									1	25	50	100
729-PI3EQX7741STZDE	PI3EQX7741STZDE	TQFN-20	5	2	USB 3.0	5, 11	1.0x	3.3	5.25	4.21	3.84	3.46
729-PI3EQX7742STZHE	PI3EQX7742STZHE	TQFN-42	5	4	USB 3.0	5, 11	1.0x	3.3	8.50	6.96	6.36	5.77



LVDS

Drivers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pericom Part No.	Package	Data Rate	Drive Capability	Type	Pins	Price Each			
							1	25	50	100
729-PI90LV027AWE	PI90LV027AWE	SOIC-8	400Mbps	4mA	Dual LVDS Driver	8	2.50	2.20	2.19	2.00
729-PI90LV031ALE	PI90LV031ALE	TSSOP-16	400Mbps	4mA	Quad LVDS Driver (EN)	16	6.57	5.98	4.30	4.28
729-PI90LV047ALE	PI90LV047ALE	TSSOP-16	660Mbps	4mA	Quad Flow through Driver	16	5.60	4.58	4.10	3.70

