

Pericom Semiconductor


Pericom® Semiconductor Corporation, with their HQ in San Jose, USA was founded in 1990. They are a fast-growing semiconductor company specializing in integrated connectivity, advanced timing, and signal integrity solutions for the computing, communications, and consumer market segments.

They are the market-leader in high-speed analog switching technology and hold 'industry firsts' with dual HDMI & PCI Express signal switching solutions, as well as unique serial signal integrity technology. Today, Pericom's technology encompasses all major serial high-speed protocols including PCI Express (1.0 + 2.0), USB 2.0 + SuperSpeed 3.0, HDMI/DVI + DisplayPort, SAS/SATA, XAUI, Fibre Channel, and Gigabit Ethernet.



Their focus product families include high-frequency Signal Switches, Packet Switches, Bridges, ReDriver (signal conditioners), Clock Generators/Buffers, Crystals and Oscillators with a market focus is in high-growth segments such as notebook/PC, digital video and TV, servers, enterprise networks, and mobile hand-helds.

Product Range


PCI Express (PCIe) Products


	PCI Express	
	PCIe to PCI Bridge	PCIe Clock Generators
	PCIe Packet Switch	PCIe Clock Buffers
	PCIe Signal Switch	PCIe Quartz Crystal
	PCIe ReDriver™/Signal Conditioning	


Timing & Frequency Control Products


	Clock IC:	 Frequency Control:
	Buffer/Driver	Quartz Crystals
	Programmable Skew	Clock Oscillators
	Zero-Delay Buffer	VCXO
	Generator	SSXO
	SSCG	ASSP XO™
	VCXO	
Real-Time Clock		


Switches


	Digital Switch:	Analog Switch:	Application Specific:
	2-Port	3V	Video Switch
	Bus Exchanger	5V	LAN Switch
	Crossbar	7V	USB Switch
	Low Volt. Translator	17V	PCI Express Signal Switch
	Mux/Demux		PCIe Packet Switch
	DDR		SATA, SAS, XAUI Switch

Bridges	
	PCI/PCI-X, PCIe Bridges & PCI Express Bridges:
	<p>Main Page</p> <p>View All Bridge Products</p>

LVDS						
	LVDS:					
	<table border="1"> <tr> <td>Crosspoint</td> <td>Receiver</td> </tr> <tr> <td>Distribution</td> <td>Transceiver</td> </tr> <tr> <td>Driver</td> <td>Repeater</td> </tr> </table>	Crosspoint	Receiver	Distribution	Transceiver	Driver
Crosspoint	Receiver					
Distribution	Transceiver					
Driver	Repeater					

Signal Conditioning	
	ReDriver™ Signal Conditioners
	<p>For PCIe</p> <p>For SuperSpeed USB 3.0</p> <p>For SATA2x/SAS/XAUI</p> <p>See all ReDriver</p>

Specialty Interface								
	By Function:							
	<table border="1"> <tr> <td>Buffer/Driver</td> <td>Register</td> </tr> <tr> <td>Flip-Flop</td> <td>Transceiver</td> </tr> <tr> <td>Gate</td> <td>Voltage Translator</td> </tr> <tr> <td>Latch</td> <td></td> </tr> </table>	Buffer/Driver	Register	Flip-Flop	Transceiver	Gate	Voltage Translator	Latch
Buffer/Driver	Register							
Flip-Flop	Transceiver							
Gate	Voltage Translator							
Latch								

Translators & Level Shifters	
	Find a Translator
	Pericom offers a variety of translation IC's that provide mixed signal (TTL, HSTL, & SSTL) as well as multiple supply voltages (5V, 3.3V, 2.5V, 1.8V & 1.2V)

Other Products	
<p>Microprocessor Supervisory Circuits</p> <p>SERDES - Serializer/Deserializer</p> <p>Active Transmission Line Clamp</p>	

Broadband Technology 2000 Ltd - Product Areas

EMBEDDED ICs <ul style="list-style-type: none"> VoIP & Video DSPs Ethernet NPU & NPA Mixed Signal ICs 	WIRELESS <ul style="list-style-type: none"> Telematic Platforms GSM GPRS & 3G Modems 3G Routers 3G Dongles Gateways Tracking Units WiMAX Modems & Controllers 	RF & MICROWAVE <ul style="list-style-type: none"> Attenuators Power AMPS Antennas GPS Modules 	POWER MANAGEMENT <ul style="list-style-type: none"> Battery Charge ICs Hot Swap Controllers Power Supply Sequencers Super capacitors
SENSOR ICs <ul style="list-style-type: none"> Accelerometers Gyroscopes Magnetic Sensors Pressure Sensors 			



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