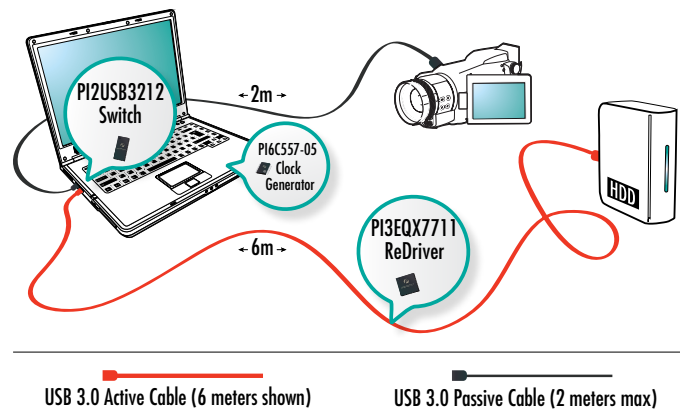


USB

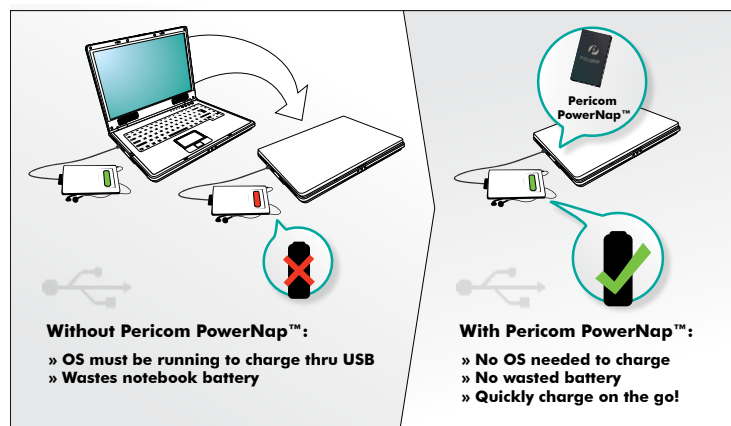
USB 2.0 & SUPERSPEED USB 3.0 PRODUCTS

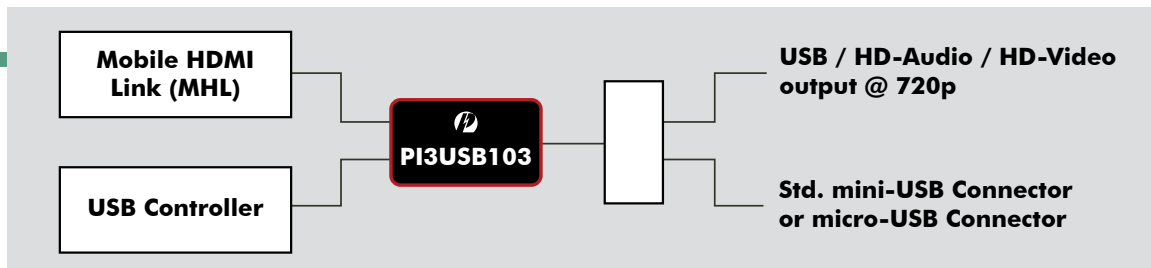
Connect to USB, the data-transfer standard of choice, with Pericom's offering of USB 2.0 and USB 3.0 (SuperSpeed) switches, signal routers, PowerNap™ sleep-and-charge controllers, USB ReDriver™ signal conditioners, as well as timing solutions designed to support USB.

Pericom Solutions in a SuperSpeed USB 3.0 Ecosystem



PowerNap™ for Notebooks and Mobile Charging





USB Audio/Video Switches

Part No.	Function	Package
PI3USB103	Dual SPDT USB 2.0 Switch with Back Drive Support and MHL Switching Support	TQFN (ZL10), UQFN (ZM10)
PI3USB411	Quad SPST w/ 2-channel for High-speed USB, and 2-channel for Low THD Audio	TDFN (ZJ16)
PI3USB412	Dual SPST for High-speed USB and Dual SPDT for Low THD Audio	TDFN (ZJ16)
PI3USBA03	Audio R, Audio L, Mic-in, and USB High-speed to 2-pin Encoder/Decoder	TQFN (ZN16)
PI3USBA201	Dual SPDT for -2V Audio Support and USB High-speed Support	TQFN (ZL10 and ZM10)

USB 3.0 ReDriver™ Signal Conditioners and Clock Generators

Part No.	Function	Package
PI3EQX7701	5.0Gbps 1-port USB 3.0 ReDriver with Equalization and Emphasis	TQFN (ZD20)
PI3EQX7711	5.0Gbps 1-port USB 3.0 ReDriver with Adaptive Equalization and Emphasis	TQFN (ZD20)
PI6C557-05	5.0Gbps 100MHz, 200MHz 4-output clock generator for source jitter minimization	TSSOP (L20)

USB PowerNap™ Sleep-and-Charge Controllers

Part No.	Function	Package
PI5USB56	USB PowerNap™ Switch for Single USB Port with Automatic Switching	QSOP (Q24), TQFN (ZK24)
PI3USB103	Dual SPDT USB 2.0 Switch with Back Drive Support and MHL Switching Support	TQFN (ZL10), UQFN (ZM10)
PI3USB221	High-Speed USB 2.0 1:2 Multiplexer/DeMultiplexer Switch with Signal Enable	TDFN (ZE10), TLLGA (XA10)

USB PowerNap™ Solutions	Apple (iPod, iPhone) Requirement	USB 1.0 Charger Spec.	USB 1.1 (Proposed) Charger Spec.	YD/T-1591 Charger Spec.	Mode Adjustment Required	USB 2.0 Support	ESD Support per (IEC61000-4-2)	Avail.
PI3USB103/PI3USB221* (config. 1)	NO	YES	YES	YES	NO	High-speed & Full-speed	Level 2, ±4kV Contact	Now
PI3USB103/PI3USB221* (config. 2)	YES	NO	NO	NO	NO	High-speed & Full-speed	Level 2, ±4kV Contact	Now
PI3USB103/PI3USB221* + PI3C3125	YES	YES	YES	YES	YES	High-speed & Full-speed	Level 2, ±4kV Contact	Now
PI3USB56	YES	YES	YES	YES	NO	High-speed & Full-speed	Level 2, ±4kV Contact	Now

* Increased ESD Support up to ±8kV contact per IEC61000-4-2

USB 3.0 and 2.0 Signal Switches

Part No.	Function	Package
PI2USB3212	5.0 Gbps USB 3.0 Compatible signal switch	TQFN (ZH28)
PI3USB10	3.3V, Wide Bandwidth, 2-Channel, 2:1 Mux/DeMux USB 2.0 Switch	TDFN (ZE12)
PI3USB102	Dual SPDT for USB 2.0 HS Compliance and Flow Through Pinout	TQFN (ZL10),UQFN (ZM10)
PI3USB221	High-Speed USB 2.0 1:2 Multiplexer/DeMultiplexer Switch with Signal Enable	TDFN (ZE10), TLLGA (XA10)
PI3USB10LP-A	Dual SPDT for USB 2.0 HS Compliance with 8kV ESD Protection	TQFN (ZL10 and ZM10)
PI3USB10M	Dual SPDT for USB 2.0 HS Compliance with Charge-pump	TQFN (ZK12 and ZE12)
PI3USB14	3.3V, 2-Channel, 4:1 Mux USB 2.0 Switch	TSSOP (L16), QSOP (Q16), TQFN (ZH20)
PI3USB20	3.3V, Wide Bandwidth, 4-Channel, 2:1 Mux/DeMux USB 2.0 Switch	TSSOP (L16)
PI3USB2117	Dual SPST for USB High-speed Signals NC	TQFN (ZL10)
PI3USB32	Dual SPST USB 2.0 Switch with back drive support	TLLGA (XA8)
PI3USB40	3.3V, Wide Bandwidth, 8-Channel, 2:1 Mux/DeMux USB 2.0 Switch	TSSOP (A48)