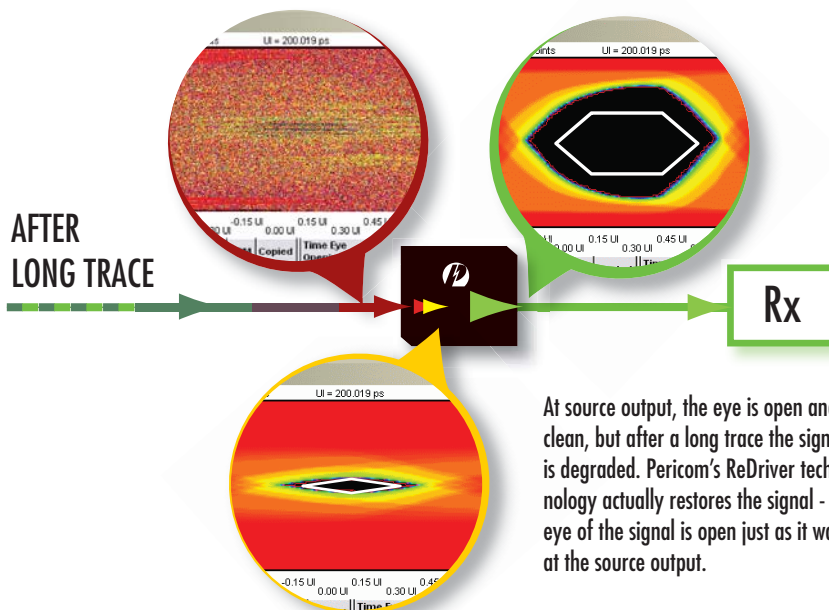


OPEN YOUR EYES

Signal Integrity Solutions from Pericom

SIGNAL
INTEGRITY

ReDriver™ Signal Integrity: Serial Connectivity for System Reliability.

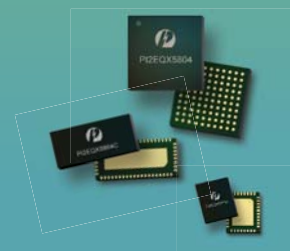


Why Use ReDriver™?

- Increased signaling distance
- Increased design flexibility
- Standards compliance
- Improved performance
- Increased reliability
- Reduced PCB & cable cost
- Unique, differentiated products to maximize the protocol's potential

SEE THE VIDEO AT:

www.pericom.com/redriver



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PERICOM®
Enabling Serial Connectivity



Unique Signal Conditioners Optimize System Stability



USB 3.0 ReDriver™ For Signal Integrity and Timing *(see web site for available packages)*

| | |
|------------|--|
| PI3EQX7701 | 5.0Gbps 1-port USB3.0 ReDriver w/ Equalization & Emphasis |
| PI3EQX7711 | 5.0Gbps 1-port USB3.0 ReDriver w/ Adaptive Equalization & Emphasis |
| PI6C557-05 | 5.0Gbps 100MHz, 200MHz 4-output clock generator for source jitter minimization |



ReDriver™ For PCI Express® Signal Integrity

| | |
|-------------|--|
| PI2EQX4401D | 1-lane PCIe® 1.0 ReDriver, Signal Detect, 36-TQFN |
| PI2EQX4402D | 2-lane PCIe® 1.0 ReDriver, Signal Detect, 84-LFBGA |
| PI2EQX4432D | 2-lane PCIe® 1.0 ReDriver, Flow-thru pinout, 48-TQFN |
| PI2EQX5804C | PCIe® 2.0 ReDriver Solutions, Pin and I²C Config, 100-LBGA |
| PI2EQX5864C | PCIe® 2.0 ReDriver Solutions, I²C Only Config, 56-TQFN |



Signal Integrity for Digital TV *(see web site for available packages)*

| | |
|--------------|--|
| PI3HDMI421AR | 2:1 Active HDMI switch, ActiveEye™, for Deep Color |
| PI3HDMI431AR | 3:1 Active HDMI switch, ActiveEye™, for Deep-Color |
| PI3HDMI412AD | 1:2 Active HDMI switch, ActiveEye™, for Deep-Color |
| PI3HDMI201 | 2:1 HDMI/DVI Switch with ActiveEye™ |
| PI3HDMI231-A | 3:1 HDMI/DVI Switch with ActiveEye™ and Squelch |
| PI3HDMI301 | 3:1 HDMI/DVI Switch with ActiveEye™ |
| PI3HDMI341AR | 3:1 Active HDMI switch, 8KV ESD, for Deep-Color |
| PI3HDMI101 | HDMI/DVI Buffer + I2C Buffer for Source Applications |
| PI3HDMI101-A | HDMI/DVI Buffer + I2C Buffer with Rx Term Support |
| PI2EQXDP101 | DisplayPort ReDriver™ with Aux Link Training Circuit |



ReDriver™ For SATA/SAS/XAUI Signal Integrity

| | |
|--------------|---|
| PI2EQX3201A | 3.2Gbps 2-channel, 36-TQFN |
| PI2EQX3202A | 3.2Gbps 4-channel, 84-LFBGA |
| PI2EQX3211A | 3.2Gbps 2-channel, 20-SSOP |
| PI2EQX3232A | 3.2Gbps 4-channel, Flow-thru pinout, 48-TQFN |
| PI2EQX3201BL | 3.0Gbps 2-channel, 36-TQFN |
| PI2EQX3202B | 3.0Gbps 4-channel, 84-LFBGA |
| PI2EQX3231BL | 3.0Gbps 2-channel, 20-TQFN |
| PI2EQX3232B | 3.0Gbps 4-channel, Flow-thru pinout, 48-TQFN |
| PI2EQX3421 | 3.2Gbps port-switch with ReDriver, 28-TQFN |
| PI2EQX3431 | 3.2Gbps 2-Channel, 28-TQFN |
| PI3EQX3811C | 3.0Gbps, 3.3V 1-port SATA2 ReDriver with configurable Rx & Tx |
| PI3EQX3851B | 3.0Gbps, 1-port SATA2 ReDriver supports 1.5V to 3.3V |
| PI3EQX4951B | 3.0Gbps, 3.3V 1-port SATA2 ReDriver with configurable Rx & Tx |

