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Cree XLamp® LEDs
47 lumens/watt at 350mA drive current

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SATA port multipliers provide 5 or 6 ports

The XRS10L140 and XRS10L240 are five- and six-port SATA port multiplier ICs, with the '240 also featuring port selector functionality. Both devices run at 1.5 and 3.0 Gbits/s, and have an analog front end with spread-spectrum clocking that substantially reduces total EMI.



The devices need less than 1 W and have programmable output swing controls and transmit and receive equalization that enable more than 30 in. of backplane and/or cable length. They come in QFP100 packages and support auto-rate-negotiation and active/partial/slumber operational modes. (XRS10L140, \$8 ea/1,000; XRS10L240, \$25 ea/1,000—samples available now.)

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