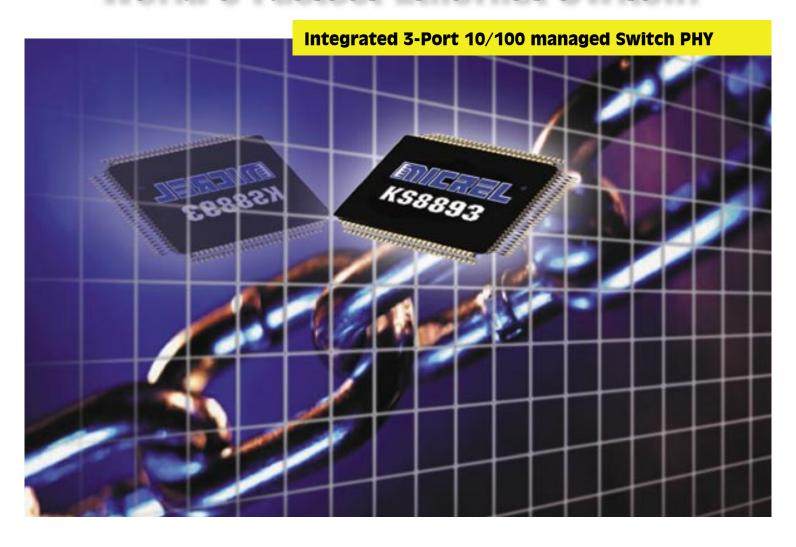# World's Fastest Ethernet Switch!

The **KS8893MQL** is the world's fastest Ethernet switch. With less than 300 ns latency, it is well suited for today's latency-sensitive applications such as VoIP and Industrial Control. In addition, the feature rich KS8893MQL also supports advanced functions such as four priority queues, IPv6 MLD and LinkMD™ diagnostics, making it ideal for today's demanding Ethernet applications.

For more information, contact your local Micrel sales representative or visit us at: www.micrel.com/ad/ks8893.
Literature: 1 (408) 435-2452
Information: 1 (408) 944-0800

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The Good Stuff:

◆ Tag/port based VLAN support
◆ QoS priority management
◆ 4-priority queues to support triple play – voice, video and data
◆ LinkMD™ cable diagnostics feature
◆ HP Auto-MDIX for discerning straight or crossover cables
◆ Industrial temperature grade sample: Q4 2005 option

Embedded Applications:

◆ VoIP Phones
◆ IP Set Top Box

Industrial Applications:

◆ Daisy chaining multiple devices
◆ Industrial controllers
◆ Industrial control in latency critical applications