

Micrel...Maximizes Flexibility in Ethernet Switches



KS8695P	System-on-a-Chip, 3 PCI Masters
KS8695PX	System-on-a-Chip, 1 PCI Master
KS8695/X	System-on-a-Chip
KS8993/I	3-Port Unmanaged Switch
KS8993M/MI	3-Port Managed Switch
KS8995M/X/MI	5-Port Switch
KS8995MA/XA	5-Port Switch
KSZ8995M/X	5-Port Switch
KS8997	8-Port Integrated Unmanaged Switch
KS8999/I	8/9-Port Switch – 8 + 1 MII

Packages Available in Industrial Temperature (I) and Lead-Free (KSZ).



Field-proven, Multi-port Switches in a Variety of Packages

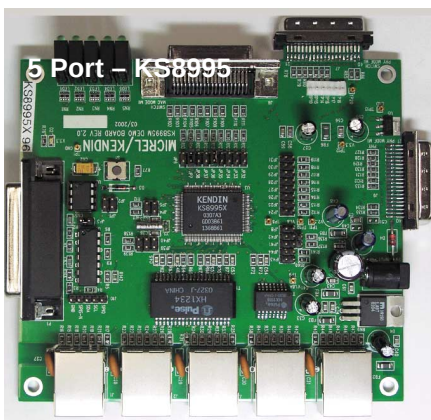
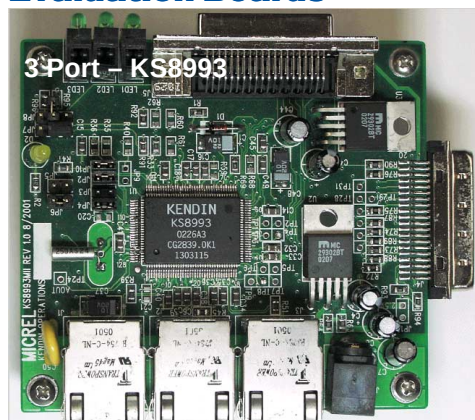
Advantages

- ◆ **Flexibility**
 - Common platforms for customer **Ease of Design** and **Time-to-Market** advantage
 - A wide array of **Products to Connect** wired and wireless, copper and fiber systems
 - Multiple interface options (MII/PCI/SPI)
- ◆ **Port Count**
 - Multi-port options (3-, 5-, 8- and 9-port switches)
- ◆ **Unmanaged and Managed Switches**
- ◆ **Industrial Temperature**
 - Numerous **Field-Proven Components** for use in industrial applications
 - Products for everything from embedded Ethernet applications and fiber/copper media converters to cyber-apartment applications and test-monitoring equipment
- ◆ **Lead-Free Parts**
 - Environmentally friendly, lead-free Ethernet products
 - Lead-free parts to operate in everything from residential gateways to network printers



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Evaluation Boards



Available Collateral for Easy Design-In

- ◆ Application Notes
- ◆ Data Sheets
- ◆ Schematics
- ◆ User Guides



Packages Available in Industrial Temperature (I) and Lead-Free (KSZ)



Product Selector

Product Number	Package (PIN)	Application Examples
KS8695/KS8695X	PQFP-208	Streaming audio/video; Network storage; Wireless networking.
KS8695PI/KS8695PX	PBGA-289	Multimedia applications – Streaming audio/video; Wireless networking.
KS8993/KS8993M KS8993I/KS8993MI	PQFP-128	Unmanaged switch – Media converters; Test equipment; Test-monitoring equipment. Managed switch – Applications requiring redundancy and port-monitoring; IP phones (VoIP).
KS8995M/X/MA/XA KS8995MI/KSZ8995M/KSZ8995X	PQFP-128	Media converter – CPE for FTTH; Fiber to the Office/Home; Remote Console Management (RMC); Residential gateway.
KS8997	PQFP-128	Standalone 8-port switch; Small workgroup switch; VoIP.

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