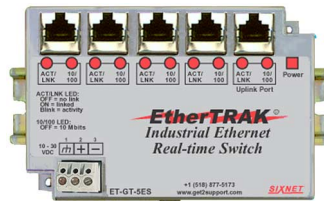


Micrel...Delivers Reliable Industrial Ethernet Solutions

Micrel's Ethernet Group delivers numerous **field-proven components** for use in industrial applications, from embedded Ethernet applications and fiber/copper media converters to cyber apartment applications and test-monitoring equipment.

KS8721BI Single Port PHY
KS8721SLI Single Port PHY
KS8993I 3-Port Unmanaged Switch
KS8993MI 3-Port Managed Switch
KS8995MI 5-Port Managed Switch
KS8999I 9-Port Switch



Product Selector

Product Number	Package (PIN)	Temperature	Application Examples
KS8721BI	SSOP-48	-40° – +85°C	Ideal for use in Embedded Ethernet applications; Media converters.
KS8721SLI	SSOP-48	-40° – +85°C	Ideal for use in Embedded Ethernet applications; Media converters; Drop-in replacement with KS8721BI.
KS8993I	PQFP-128	-40° – +85°C	Unmanaged switch – Media converters; Test equipment; Test-monitoring equipment.
KS8993MI	PQFP-128	-40° – +85°C	Managed switch – Media converters; Test equipment; Test-monitoring equipment; Multi-port remote management consoles (RMC).
KS8995MI	PQFP-128	-40° – +85°C	Media converters; Fiber/copper redundancy in factory switches; Multi-port remote management console (RMC).
KS8999I	PQFP-208	-40° – +85°C	Cyber applications – MTUs (Multi-Tenant Unit) and MDUs (Multi-Dwelling Unit) Media conversion capabilities on all ports.

Industrial Ethernet Product Family



Available Collateral for Easy Design-In

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

EtherTRAK is a registered trademark of SIXNET in the United States and selected other countries.

Micrel... Takes the Lead out of the Ethernet Environment

Micrel's Ethernet Group is dedicated to developing new environmentally friendly ways for manufacturing lead-free Ethernet products that operate in everything from residential gateways to network printers. Our wide variety of lead-free products are shown in the following Product Selectors.

Product Selector

Product Number ⁽¹⁾	Package (PIN)	Remarks
Current Availability		
KSZ8721B	SSOP-48	Single Port PHY
KSZ8721BT	TQFP-48	Single Port PHY
KSZ8737	TQFP-64	Single Port PHY
KSZ8993M	PQFP-128	3-Port Managed Switch
KSZ8995M	PQFP-128	5-Port Managed Switch
KSZ8995X	PQFP-128	5-Port Unmanaged Switch

Note:

1. Micrel's lead-free products are denoted by the prefix KSZ.

Environment-Friendly Chip Designs in the Works

Product Selector

Product Number ⁽¹⁾	Package (PIN)	Remarks
Future Availability		
KSZ8695	PQFP-208	Single Chip Gateway Solution
KSZ8999	PQFP-208	9-Port Unmanaged Switch

Notes:

1. Micrel's lead-free products are denoted by the prefix KSZ.

Available Collateral for Easy Design-In

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

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