


## Ethernet Switch 3-Port 100Mbps 48-Pin LQFP Tray

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	QFP48
<b>Product Type:</b>	Switches
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The KSZ8863MLL/FLL/RLL are highly integrated 3-port switch ICs in a small footprint.

They are designed to enable a new generation of low port count, cost-sensitive and power efficient 10/100Mbps switch systems. Low power consumption, advanced power management and sophisticated QoS features (e.g., IPv6 priority classification support) make these devices ideal for IPTV, IP-STB, VoIP, automotive and industrial applications.

The KSZ8863 family is designed to support the GREEN requirement in today's switch systems. Advanced power management schemes include software power down, per port power down and the energy detect mode that shuts down the transceiver when a port is idle. KSZ8863MLL/FLL/RLL also offer a by-pass mode, which enables system-level power saving. In this mode, the processor connected to the switch through the MII interface can be shut down without impacting the normal switch operation.

The configurations provided by the KSZ8863 family enables the flexibility to meet requirements of different applications:

KSZ8863MLL: Two 10/100BASE-T/TX transceivers and one MII interface.

KSZ8863RLL: Two 10/100BASE-T/TX transceivers and one RMII interface.

KSZ8863FLL: One 100BASE-FX, one 10/100BASE-T/TX transceivers and one MII interface.

The device is available in RoHS-compliant 48-pin LQFP package. Industrial-grade and Automotive-grade are also available.

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## Key Features

Advanced Switch Features

Comprehensive Configuration Register Access

QoS/CoS Packet Prioritization Support

Proven Integrated 3-Port 10/100 Ethernet Switch

Switch Monitoring Features

Low Power Dissipation

Industrial Temperature Range: -40°C to +85°C

Available in 48-Pin LQFP, Lead-free package

## Recommended For You

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### **KSZ8851-16MQL**

Microchip Technology, Inc

PQFP-128

### **KSZ8851-16MLL**

Microchip Technology, Inc

LQFP48

### **KSZ8893MQL**

Microchip Technology, Inc

QFP128

### **KSZ8851SNL**

Microchip Technology, Inc

VQFN32

### **KSZ8893MQLI**

Microchip Technology, Inc

QFP128

### **KSZ8863RLLI**

Microchip Technology, Inc

LQFP-48

### **KSZ8895FQXI**

Microchip Technology, Inc

PQFP128

### **KSZ8895RQXI**

Microchip Technology, Inc

PQFP128

### **KSZ8895MQXIA**

Microchip Technology, Inc

PQFP-128

### **KSZ8895FQXI-TR**

Microchip Technology, Inc

PQFP-128

### **KSZ8851SNLI-TR**

Microchip Technology, Inc

QFN32

### **KSZ8842-PMQL**

Microchip Technology, Inc

PQFP-128

### **KSZ8863MLL**

Microchip Technology, Inc

LQFP48

### **KSZ8993M**

Microchip Technology, Inc

QFP128

### **KSZ8993MI**

Microchip Technology, Inc

QFP128