Ethernet Switch 3-Port 100Mbps 64-Pin LQFP Tray

Manufacturer:	Microchip Technology, Inc
Package/Case:	LQFP64
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active

Images are for reference only

Inquiry

General Description

The KSZ8873MML/MLL/FLL/RLL are highly integrated 3-port switch on a chip 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 KSZ8873 family is designed to support the GREEN requirement in today's switch systems. Advanced power management schemes include hardware power down, software power down, per port power down and the energy detect mode that shuts downs the transceiver when a port is idle.

KSZ8873MML/MLL/FLL/RLL also offer a by-pass mode. 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 KSZ8873 family enables the flexibility to meet requirements of different applications:
KSZ8873MLL - Two 10/100BASE-T/TX transceivers and one MII interface
KSZ8873RLL - Two 10/100BASE-T/TX transceivers and one RMII interface
KSZ8873FLL - Two 100BASE-FX transceivers and one MII interface
KSZ8873MML - Two MII interfaces and one 10/100BASE-T/TX transceivers

The device is available in RoHS-compliant 64-pin LQFP package. Industrial-grade and Automotive-grade are also available.

Microchip's complimentary and confidential LANCheck® online design review service is available for customers who have selected our products for their application design-in. The LANCheck online design review service is subject to Microchip's Program Terms and Conditions and requires a myMicrochip account.

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 64-Pin LQFP, Lead-free package

Recommended For You

KSZ8851-16MQL	**KSZ8851-16MLL**	**KSZ8893MQL**
Microchip Technology, Inc	Microchip Technology, Inc	Microchip Technology, Inc
PQFP-128	LQFP48	QFP128
KSZ8851SNL	**KSZ8893MQLI**	**KSZ8863RLLI**
Microchip Technology, Inc	Microchip Technology, Inc	Microchip Technology, Inc
VQFN32	QFP128	LQFP-48
KSZ8895FQXI	**KSZ8895RQXI**	**KSZ8895MQXIA**
Microchip Technology, Inc	Microchip Technology, Inc	Microchip Technology, Inc
PQFP128	PQFP128	PQFP-128
KSZ8895FQXI-TR	**KSZ8851SNLI-TR**	**KSZ8842-PMQL**
Microchip Technology, Inc	Microchip Technology, Inc	Microchip Technology, Inc
PQFP-128	QFN32	PQFP-128
KSZ8863MLL	**KSZ8993M**	**KSZ8993MI**
Microchip Technology, Inc	Microchip Technology, Inc	Microchip Technology, Inc
LQFP48	QFP128	QFP128