Ethernet Switch 2-Port 100Mbps Automotive 64-Pin LQFP EP Tray

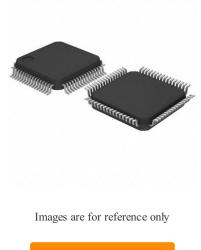|	
Manufacturer:	Microchip Technology, Inc
Package/Case:	LQFP64
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active

Images are for reference only

Inquiry

General Description

The KSZ8852 product line consists of industrial capable Ethernet switches, providing integrated communication for a range of Industrial Ethernet and general Ethernet applications.

The KSZ8852 product enables distributed, daisy-chained topologies preferred for industrial Ethernet networks. Conventional centralized (i.e., star-wired) topologies are also supported for fault tolerant arrangements. A flexible 8- or 16-bit general bus interface is provided for interfacing to an external host processor.

The wire-speed, store-and-forward switching fabric provides a full complement of QoS and congestion control features optimized for real-time Ethernet. The KSZ8852 product is built upon Microchip's industry-leading Ethernet technology, with features designed to offload host processing and streamline your overall design:

- Wire-speed Ethernet switching fabric with extensive filtering
- Two integrated 10/100BASE-TX PHY transceivers, featuring the industry's lowest power consumption
- Full-featured QoS support Flexible management options that support common standard interfaces

A robust assortment of power management features including energy-efficient Ethernet (EEE) have been designed in to satisfy energy-efficient environments.

Note: PTP should be disabled during compilation when using the driver listed below.

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Key Features

Management Capabilities

Robust PHY Ports

MAC Ports

Advanced Switch Capabilities

Comprehensive Configuration Registers Access

Host Interface

Power and Power Management

Please see the datasheet for a full list of features

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