

ANY NEW DESIGNS SHOULD USE THE LEAD FREE 'KSZ' PARTS. ANY 'KS' LEADED PRODUCTS WILL BE SUBJECT TO NON-CANCELABLE NON-REFUNDABLE (NCNR) AND MINIMUM ORDER QUANTITY TERMS & CONDITIONS

Note 1:

"KSZ" is the lead-free ROHS compliant version of the KS parts. All parts are 100% matte tin finish, with the exception of the KSZ8041NL, which is NiPdAu finish

Note 2:

If the product name has an "I" at the end of it (eg. KSZ8721BI), this means it is an industrial temp tested version.

Note 3:

Physical Layer Products

Part Number	Description	Package
KSZ8041TL NEW!	Single 3.3V Supply. Supports 10/100BASE-T/TX and MII / RMII / SMII interfaces . Digital Interface Physical Layer Transceiver.	48-Pin TQFP
KSZ8041FTL NEW!	Single 3.3V Supply. Supports 10/100BASE-T/TX/FX and MII / RMII / SMII interfaces . Digital Interface Physical Layer Transceiver.	48-Pin TQFP
KSZ8041NL NEW!	Single 3.3V Supply. 10/100BASE-T/TX MII and RMII digital Interface Physical Layer Transceiver.	32-pin MLF (QFN per Jeduc)
KS8001L	Single 3.3V Supply. LinkMD™ Cable Diagnostics. 10/100BASE-T/TX/FX MII and SMII. Digital Interface Physical Layer Transceiver with HP Auto-MDIX	48-Pin LQFP
KSZ8001L	Same as KS8001L, lead free version	48-Pin LQFP
KSZ8001LI	Same as KS8001L, (lead free version, industrial)	48-Pin LQFP
KS8001S	1.8V/3.3V Tolerant I/O. 10/100BASE-TX/FX MII Physical Layer Transceiver with Auto Crossover	48-Pin SSOP
KSZ8001S	Same as KS8001S, lead free version	48-Pin SSOP
KSZ8001SL	Single 3.3V Supply. 10/100BASE-TX/FX MII Physical Layer Transceiver with Auto Crossover	48-Pin SSOP
KS8721B	2.5V/3.3V Tolerant I/O. 10/100BASE-TX/FX MII Physical Layer Transceiver with Auto Crossover	48-Pin SSOP
KSZ8721B	Same as KS8721, lead free version	48-Pin SSOP
KSZ8721BI	Same as KS8721, (lead free version, Industrial)	48-Pin SSOP
KS8721BL	3.3V 10/100 Base TX/FX MII Physical Layer Transceiver	48-Pin LQFP
KSZ8721BL	Same as KS8721BL, lead free version	48-Pin LQFP
KSZ8721BLI	3.3V 10/100 Base TX/FX MII Physical Layer Transceiver (Industrial version)	48-Pin LQFP
KSZ8721BLI	Same as KS8721BLI, (lead free version, Industrial)	48-Pin LQFP
KS8721BT	2.5V 10/100BASE-TX/FX MII Physical Layer Transceiver with Auto Crossover	48-Pin TQFP
KSZ8721BT	Same as KS8721BT, lead free version	48-Pin TQFP
KS8721CL	Single 3.3V Supply. 10/100BASE-TX/FX MII Physical Layer Transceiver with Auto Crossover	48-Pin LQFP
KSZ8721CL	Same as KS8721CL, lead free version	48-Pin LQFP
KS8721SL	3.3V 10/100 Base TX/FX MII Physical Layer Transceiver	48-Pin SSOP
KSZ8721SL	Same as KS8721SL, lead free version	48-Pin SSOP
KSZ8721SLI	Same as KS8721SL, (lead free version, Industrial)	48-Pin SSOP

Embedded Controllers - Managed

Part Number	Description	Package
KSZ8841-16MQL	Single Port Ethernet MAC Controller with 8-, 16-Bit Generic Bus interface (lead free version)	128-Pin PQFP
KSZ8841-16MVL	Single Port Ethernet MAC Controller with 8-, 16-Bit Generic Bus interface (lead free version)	128-Pin LQFP
KSZ8841-16MVL I	Single Port Ethernet MAC Controller with 8-, 16-Bit Generic Bus interface (lead free, I-Temp version)	128-Pin LQFP
KSZ8841-32MQL	Single Port Ethernet MAC Controller with 32-Bit Generic Bus interface (lead free version)	128-Pin PQFP
KSZ8841-32MVL	Single Port Ethernet MAC Controller with 32-Bit Generic Bus interface (lead free version)	128-Pin LQFP
KSZ8841-PMQL	Single Port Ethernet MAC Controller with 32-Bit/33MHz PCI Interface (lead free version)	128-Pin PQFP
KSZ8841-PMQL I	Single Port Ethernet MAC Controller with 32-Bit/33MHz PCI Interface (lead free, I-Temp version)	128-Pin PQFP
KSZ8842-16MQL	2-Port Ethernet Plus 8-, 16-Bit Generic Bus Interface (lead free version)	128-Pin PQFP
KSZ8842-16MVL I	2-Port Ethernet Plus 8-, 16-Bit Generic Bus Interface (lead free version)	128-Pin LQFP
KSZ8842-32MQL	2-Port Ethernet Plus 32-Bit Generic Bus Interface (lead free version)	128-Pin PQFP
KSZ8842-32MVL	2-Port Ethernet Plus 32-Bit Generic Bus Interface (lead free version)	128-Pin PQFP
KSZ8842-PMQL	2-Port Ethernet Plus 32-Bit/33MHz PCI Interface (lead free version)	128-Pin PQFP

Media Converters

Part Number	Description	Package
KSZ8862-16MQL New!	Managed L2 Switch Media Converter with 8-, 16-Bit generic bus interface. Port-1 supports 10B-FL, 100B-SX and 100B-FX Fiber. Port-2 Supports 10/100B-T/TX	128-Pin PQFP
KSZ8862-32MQL New!	Managed L2 Switch Media Converter with 32-Bit generic bus interface. Port-1 supports 10B-FL, 100B-SX and 100B-FX Fiber. Port-2 Supports 10/100B-T/TX	128-Pin PQFP
KSZ8893FQL New!	Managed L2 Switch Media Converter with MII / RMII bus interface. Port-1 supports 10B-FL, 100B-SX and 100B-FX Fiber. Port-2 Supports 10/100B-T/TX. TTC TS-1000 Compliant OAM Sublayer	128-Pin PQFP
KS8993F	Single Chip Fast Ethernet Media Converter with TTC TS-1000 Compliant OAM Sublayer	128-Pin PQFP
KSZ8993F	Same as KS8993F, lead free version	128-Pin PQFP
KS8993FL	Same as KS8993F, lead free version with integrated LDO to provide a single 3.3V Supply	128-Pin PQFP
KSZ8993FL	Same as KS8993FL, lead free version	128-Pin PQFP
Note 4	With the exception of the KS8997, all of Micrel Ethernet Products may be used in Media Converter applications.	

Layer 2 Switch Products - Unmanaged

Part Number	Description	Package
KS8993	3-Port 10/100 Integrated Switch	128-Pin PQFP
KS8993I	Industrial Temperature grade, 3-Port 10/100 Integrated Switch	128-Pin PQFP
KSZ8993	Same as KS8993, lead free version	128-Pin PQFP
KS8995XA	5-Port 10/100 Integrated Switch (Unmanaged)	128-Pin PQFP
KSZ8995XA	Same as KS8995XA, lead free version	128-Pin PQFP
KS8995X	5-Port 10/100 Integrated Switch (Unmanaged)	128-Pin PQFP
KSZ8995X	Same as KS8995X, lead free version	128-Pin PQFP
KS8997	8-Port 10/100 Integrated Switch	128-Pin PQFP
KSZ8997	Same as KS8997, lead free version	128-Pin PQFP
KS8999	9-Port 10/100 Integrated Switch	208-Pin PQFP
KSZ8999	Same as KS8999, lead free version	208-Pin PQFP
KS8999I	9-Port 10/100 Integrated Switch (Industrial version)	208-Pin PQFP
KSZ8999I	Same as KS8999I, (lead free version, Industrial)	208-Pin PQFP

Layer 2 Switch Products - Managed

Part Number	Description	Package
KSZ8842-16MQL	2-Port Ethernet Plus 8-, 16-Bit Generic Bus Interface (lead free version)	128-Pin PQFP
KSZ8842-32MQL	2-Port Ethernet Plus 32-Bit Generic Bus Interface (lead free version)	128-Pin PQFP
KSZ8842-PMQL	2-Port Ethernet Plus 32b/33MHz PCI Interface (lead free version)	128-Pin PQFP
KSZ8893MQL	3-Port Ethernet Switch (lead free version)	128-Pin PQFP
KS8993M	3-Port 10/100 Integrated Switch	128-Pin PQFP
KSZ8993M	Same as KS8993M, lead free version	128-Pin PQFP
KS8993MI	3-Port 10/100 Integrated Switch (Industrial Temperature)	128-Pin PQFP
KSZ8993MI	Same as KS8993MI, lead free version	128-Pin PQFP
KS8993ML	Single 3.3V, 3-Port 10/100 Integrated Switch	128-Pin PQFP
KSZ8993ML	Same as KS8993ML, lead free version	128-Pin PQFP
KS8995M	5-Port 10/100 Integrated Managed Switch	128-Pin PQFP
KSZ8995M	Same as KS8995M, lead free version	128-Pin PQFP
KS8995MI	5-Port 10/100 Integrated Managed Switch, (Industrial version)	128-Pin PQFP
KSZ8995MI	Same as KS8995MI, (lead free version, Industrial)	128-Pin PQFP
KS8995MA	5-Port 10/100 Integrated Managed Switch	128-Pin PQFP
KSZ8995MA	Same as KS8995MA, lead free version	128-Pin PQFP
KS8995MAI	5-Port 10/100 Integrated Managed Switch, (Industrial version)	128-Pin PQFP
KSZ9995MAI	Same as KS8995MAI, (lead free version, Industrial)	128-Pin PQFP

System-On-a-Chip

Part Number	Description	Package
KS8695X	Integrated Multi-Port Gateway Solution	208-Pin PQFP
KSZ8695X	Same as KS8695X, lead free version	208-Pin PQFP
KS8695P	ARM9 with MMU + 5-Port 10/100 Integrated Managed Switch and PHY with 3 PCI Master Support	289-Pin PBGA
KSZ8695P	Same as KS8695P, lead free version	289-Pin PBGA
KS8695PI	ARM9 with MMU + 5-Port 10/100 Integrated Managed Switch (Industrial version)	289-Pin PBGA
KSZ8695PI	Same as KS8695PI, (lead free version, Industrial)	289-Pin PBGA
KS8695PX	ARM9 with MMU + 5-Port 10/100 Integrated Managed Switch and PHY with Single PCI Master Support	289-Pin PBGA
KSZ8695PX	Same as KS8695PX, lead free version	289-Pin PBGA