KSZ8051 to KSZ8081/KSZ8091 (32-QFN) -- Hardware Differences

Hardware Pin Differences: Tabulated are only pin differences between parts (pins common to all parts are not shown) Internal pull-up/pull-down values for the strapping pins are indicated after table

Rev 1.0 Created



KSZ8051 to KSZ8081/KSZ8091 (32-QFN) -- Software Differences

Rev 1.0 Created

Address		KSZ8051MNL (0.13um)		KSZ8081MNX (0.11um)		KSZ8091MNX (0.11um)		KSZ8051RNL (0.13um)		KSZ8081RNB (0.11um)		KSZ8091RNB (0.11um)	
Register (hex)	Bit	Name	Function	Name	Function	Name	Function	Name	Function	Name	Function	Name	Function
3h	[9:4]	Model Number	Six bit manufacturer's model number, 01_0101	Model Number	Six bit manufacturer's model number, 01_0110	Model Number	Six bit manufacturer's model number, 01_0110	Model Number	Six bit manufacturer's model number, 01_0101	Model Number	Six bit manufacturer's model number, 01_0110	Model Number	Six bit manufacturer's model number, 01_0110
3h	[3:0]	Revision Number	Four bit manufacturer's revision number (depends on silicon revision)	Revision Number	Four bit manufacturer's revision number (depends on silicon revision)	Revision Number	Four bit manufacturer's revision number (depends on silicon revision)	Revision Number	Four bit manufacturer's revision number (depends on silicon revision)	Revision Number	Four bit manufacturer's revision number (depends on silicon revision)	Revision Number	Four bit manufacturer's revision number (depends on silicon revision)
Dh	[15:0]					Function DEVAD	MMD Access Corrol <indirect &="" -="" access="" eee="" for="" primarily="" register="" wol=""></indirect>					Function DEVAD	MMD Access Corrol <indirect &="" -="" access="" eee="" for="" primarily="" register="" wol=""></indirect>
Eh	[15:0]					MMD Register Address / Data	MMD Access Register Address / Data <indirect &="" -="" access="" eee="" for="" primarily="" register="" wol=""></indirect>					MMD Register Address / Data	MMD Access Register Address / Data <indirect &="" -="" access="" eee="" for="" primarily="" register="" wol=""></indirect>
10h	[15:0]			Reserved PLL off	Digital Reserved Control <see name=""></see>	Reserved PLL off	Digital Reserved Control <see name=""></see>			Reserved PLL off	Digital Reserved Control <see name=""></see>	Reserved PLL off	Digital Reserved Control <see name=""></see>