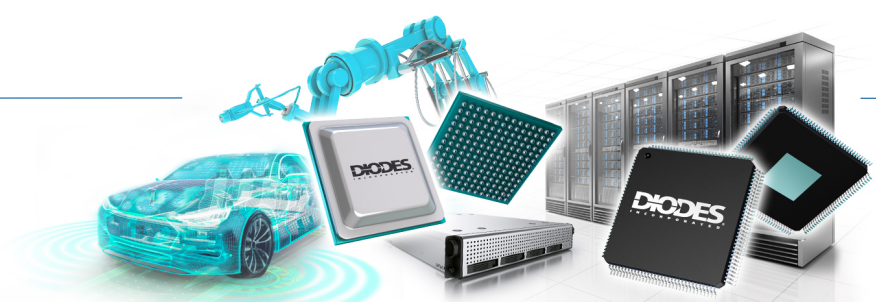


# PCIe® Packet Switch Selector Guide



Part Number	PCI-SIG Spec.	Compliance	#Ports	#Lanes	Integrated Clock Buffer	Power (typ. W)	NTB/CDEP*	DMA	Multi-cast^	DPC	Peer to Peer	Thermal Sensor	Package	Latency (ns)	ASPM L1.1 Substate	Ambient Temperature (°C)	Programmable TX/RX EQ	ACS/AT/LTR/OBFF
PI7C9X3G606GP	3.1	Standard	6	6	Yes	2.5	Yes	Yes	Yes	Yes	Yes	Yes	FCCSP 144 10x10mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X3G606GPQ	3.1	Automotive	6	6	Yes	2.5	Yes	Yes	Yes	Yes	Yes	Yes	FCCSP 144 10x10mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X3G808GP	3.1	Standard	8	8	Yes	2.9	Yes	Yes	Yes	Yes	Yes	Yes	FCBGA 196 15x15mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X3G808GPQ	3.1	Automotive	8	8	Yes	2.9	Yes	Yes	Yes	Yes	Yes	Yes	FCBGA 196 15x15mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X3G816GP	3.1	Standard	8	16	Yes	4.1	Yes	Yes	Yes	Yes	Yes	Yes	FCBGA 324 19x19mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X3G816GPQ	3.1	Automotive	8	16	Yes	4.1	Yes	Yes	Yes	Yes	Yes	Yes	FCBGA 324 19x19mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X3G1224GP	3.1	Standard	12	24	Yes	5.3	Yes	Yes	Yes	Yes	Yes	Yes	FCBGA 324 19x19mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X3G1632GP	3.1	Standard	16	32	Yes	6.5	Yes	Yes	Yes	Yes	Yes	Yes	FCBGA 676 27x27mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X3G1632GPQ	3.1	Automotive	16	32	Yes	6.5	Yes	Yes	Yes	Yes	Yes	Yes	FCBGA 676 27x27mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G303EL	2.1	Standard	3	3	Yes	0.7	No	No	No	No	No	No	aQFN 132 8x8mm	150	No	-40 to 85	Yes	Yes
PI7C9X2G304EL	2.1	Standard	3	4	Yes	0.65	No	No	No	No	No	No	aQFN 136 10x10mm	150	No	-40 to 85	Yes	Yes
PI7C9X2G304ELQ	2.1	Automotive	3	4	Yes	0.65	No	No	No	No	No	No	aQFN 136 10x10mm	150	No	-40 to 85	Yes	Yes
PI7C9X2G304EV	2.1	Standard	3	4	Yes	0.3	No	No	No	Yes	Yes	No	aQFN 136 10x10mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G304EVQ	2.1	Automotive	3	4	Yes	0.3	No	No	No	Yes	Yes	No	aQFN 136 10x10mm	150	Yes	-40 to 105	Yes	Yes
PI7C9X2G304SL	2.1	Standard	3	4	Yes	0.7	No	No	No	No	No	No	LQFP 128 14x14mm	150	No	-40 to 85	Yes	Yes
PI7C9X2G304SLQ	2.1	Automotive	3	4	Yes	0.7	No	No	No	No	No	No	LQFP 128 14x14mm	150	No	-40 to 85	Yes	Yes
PI7C9X2G304SV	2.1	Standard	3	4	Yes	0.3	No	No	No	Yes	Yes	No	LQFP 128 14x14mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G308GP	2.1	Standard	3	8	Yes	1.3	No	No	No	No	Yes	No	LBGA 196 15x15mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G312GP	2.1	Standard	3	12	Yes	1.3	No	No	No	No	Yes	No	LBGA 196 15x15mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G404EL	2.1	Standard	4	4	Yes	0.65	No	No	No	No	No	No	aQFN 136 10x10mm	150	No	-40 to 85	Yes	Yes
PI7C9X2G404ELQ	2.1	Automotive	4	4	Yes	0.65	No	No	No	No	No	No	aQFN 136 10x10mm	150	No	-40 to 85	Yes	Yes
PI7C9X2G404EV	2.1	Standard	4	4	Yes	0.3	No	No	No	Yes	Yes	No	aQFN 136 10x10mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G404EVQ	2.1	Automotive	4	4	Yes	0.3	No	No	No	Yes	Yes	No	aQFN 136 10x10mm	150	Yes	-40 to 105	Yes	Yes
PI7C9X2G404SL	2.1	Standard	4	4	Yes	0.75	No	No	No	No	No	No	LQFP 128 14x14mm	150	No	-40 to 85	Yes	Yes
PI7C9X2G404SLQ	2.1	Automotive	4	4	Yes	0.75	No	No	No	No	No	No	LQFP 128 14x14mm	150	No	-40 to 85	Yes	Yes
PI7C9X2G404SV	2.1	Standard	4	4	Yes	0.3	No	No	No	Yes	Yes	No	LQFP 128 14x14mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G606PR	2.1	Standard	6	6	No	0.6	No	No	No	No	Yes	No	LBGA 196 15x15mm	150	No	-40 to 85	Yes	Yes
PI7C9X2G608EL	2.1	Standard	6	8	Yes	1.2	No	No	No	No	Yes	No	aQFN 136 10x10mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G608GP	2.1	Standard	6	8	Yes	1.2	No	No	No	No	Yes	No	LBGA 196 15x15mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G612GP	2.1	Standard	6	12	Yes	1.4	No	No	No	No	Yes	No	LBGA 196 15x15mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G808PR	2.1	Standard	8	8	No	1.23	Yes	No	Yes	No	Yes	No	LBGA 196 15x15mm	150	No	-40 to 85	Yes	Yes
PI7C9X2G912GP	2.1	Standard	9	12	No	1.27	No	No	Yes	No	Yes	No	LBGA 196 15x15mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G1224GP	2.1	Standard	12	24	Yes	2.1	Yes	Yes	Yes	No	Yes	No	HSBGA 324 19x19mm	150	Yes	-40 to 85	Yes	Yes
PI7C9X2G1616PR	2.1	Standard	16	16	No	1.27	Yes	Yes	Yes	No	Yes	No	HSBGA 324 19x19mm	150	No	-40 to 85	Yes	Yes

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\*Cross Domain End Point ^ The EP needs to be able to support Multi-cast function

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