









PowerPAK® Package Comparison Chart

Surface-Mount Packages	Height x Width x Depth Max (mm)	Footprint Area Max (mm)	Current Max (A)	Temp Max (°C)	R_{thJF} or R_{thJC} (°C/W)	Datasheets
PowerPAK 8x8L 	8.1 x 8.25 x 1.9	66.825	200	175	1	Automotive MOSFETs
PowerPAK 8x8 	8.1 x 8.1 x 1.05	65.61	25	150	0.62	Standard MOSFETs
PowerPAK SO-8L 	6.25 x 5.25 x 1.14	32.81	26	150	1.8	Standard MOSFETs
				175		Automotive MOSFETs
PowerPAK SO-8 	6.2 x 5.26 x 1.2	32.61	58	150	1.2	Standard MOSFETs
PowerPAK 1212-8 	3.4 x 3.4 x 1.2	11.56	31	150	2.4	Standard MOSFETs
				175		Automotive MOSFETs
PowerPAK 1212-8S 	3.3 x 3.3 x 0.83	10.89	31	150	2.2	Standard MOSFETs
Thin PowerPAK 1212-8T 	3.4 x 3.4 x 0.8	10.89	31	150	2.4	Standard MOSFETs
PowerPAK ChipFET 	3.08 x 1.98 x 0.85	5.58	11.6	150	4	Standard MOSFETs
PowerPAK SC-70 	2.15 x 2.15 x 0.8	4.62	12	150	6.5	Standard MOSFETs
				175		Automotive MOSFETs
Thin PowerPAK SC-70 	2.15 x 2.15 x 0.65	4.62	11	150	6.5	Standard MOSFETs
PowerPAK SC-75 	1.7 x 1.7 x 0.8	2.89	8.9	150	9.5	Standard MOSFETs
Thin PowerPAK SC-75 	1.7 x 1.7 x 0.65	2.89	7.5	150	9.5	Standard MOSFETs
PowerPAK 0806 	0.85 x 0.65 x 0.4	0.55	1	150	80 (R_{thJA})	Standard MOSFETs