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Thermal RC network (Cauer)

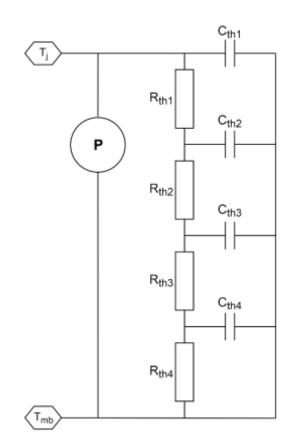
PSMNR90-40YSN

SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
Rth(j-mb)	thermal resistance		-	-	0.56	K/W
	from junction to					
	mounting base					

Cth1	3.822290E-6	F	Rth1	1.460210E-2	Ω
Cth2	6.100990E-4	F	Rth2	3.082530E-2	Ω
Cth3	3.187520E-3	F	Rth3	1.045160E-1	Ω
Cth4	1.453330E-2	F	Rth4	4.048800E-1	Ω

Part Name: Date: PSMNR90-40YSN 19 March 2024



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