nexperia

Thermal RC network (Cauer)

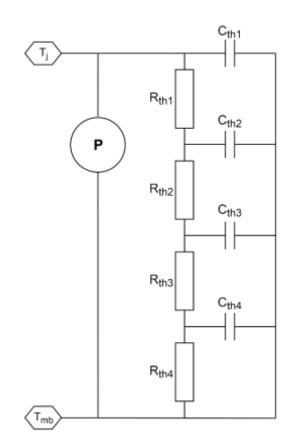
PSMN4R3-40MSH

SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
Rth(j-mb)	thermal resistance		-	-	1.67	K/W
	from junction to					
	mounting base					

Cth1	7.450790E-5	F	Rth1	3.461530E-2	Ω
Cth2	7.031720E-4	F	Rth2	2.292390E-1	Ω
Cth3	3.236980E-3	F	Rth3	9.071740E-1	Ω
Cth4	1.355010E-2	F	Rth4	5.013940E-1	Ω

Part Name: Date: PSMN4R3-40MSH 28 January 2021



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