## nexperia

## **Thermal RC network (Cauer)**

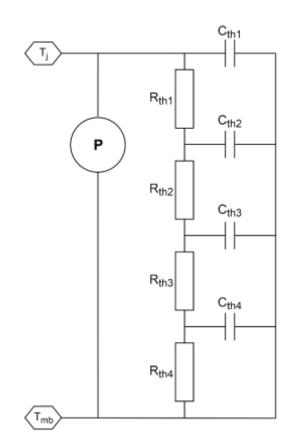
## PSMNR58-30YLH

## SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
Rth(j-mb)	thermal resistance		-	-	0.45	K/W
	from junction to					
	mounting base					

Cth1	2.361040E-4	F	Rth1	1.162830E-2	Ω
Cth2	2.474530E-3	F	Rth2	6.598350E-2	Ω
Cth3	1.203510E-2	F	Rth3	2.313830E-1	Ω
Cth4	6.520870E-2	F	Rth4	1.379580E-1	Ω
					1

Part Name: Date: PSMNR58-30YLH 15 April 2020



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