Thermal RC network (Foster)

SPICE thermal model

PSMN0R9-30YLD

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
$R_{th(j\text{-}mb)}$	thermal resistance from junction to mounting base		-	-	0.51	K/W

Cth_1	9.345E-05	F
Cth_2	6.367E-04	F
Cth_3	6.610E-04	F
Cth_4	5.770E-03	F
Cth_5	1.081E-02	F
Cth_6	2.086E-02	F
Cth_7	4.517E-01	F

Rth_1	8.609E-04	Ω
Rth_2	1.439E-03	Ω
Rth_3	1.255E-02	Ω
Rth_4	1.844E-02	Ω
Rth_5	7.643E-02	Ω
Rth_6	3.735E-01	Ω
Rth_7	2.697E-02	Ω
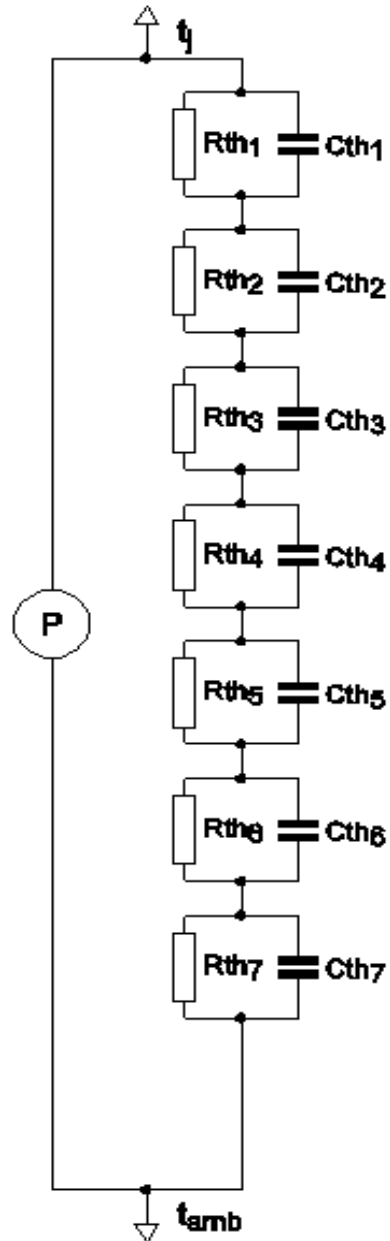
Part: PSMN0R9-30YLD

Date: 29/4/2014

Model Rth 0.51 K/W