

### PSMN1R9-40YSD

#### SPICE thermal model

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
Rth(j-mb)	thermal resistance from junction to mounting base		-	-	0.77	K/W

Cth1	5.611430E-5	F	Rth1	4.234030E-3	$\Omega$
Cth2	3.535920E-4	F	Rth2	4.148170E-2	$\Omega$
Cth3	3.237360E-3	F	Rth3	2.371400E-1	$\Omega$
Cth4	1.276590E-2	F	Rth4	4.886770E-1	$\Omega$

Part Name: PSMN1R9-40YSD  
 Date: 12 September 2019

