

### PSMNR90-40YSN

#### SPICE thermal model

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

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

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

