

### PSMN3R5-40YSD

#### SPICE thermal model

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
Rth(j-mb)	thermal resistance from junction to mounting base		-	-	1.30	K/W

Cth1	3.261530E-5	F	Rth1	7.656460E-3	$\Omega$
Cth2	2.079300E-4	F	Rth2	8.021570E-2	$\Omega$
Cth3	2.059200E-3	F	Rth3	5.438340E-1	$\Omega$
Cth4	1.153860E-2	F	Rth4	6.703680E-1	$\Omega$
Cth5	-1.052490E+11	F	Rth5	-9.680470E-15	$\Omega$

Part Name: PSMN3R2-40YLD  
 Date: 11 September 2019

