

Thermal RC network (Foster)

SPICE thermal model

BUK9K8R7-40E

R _{th(j-mb)} thermal resistance from junction to mounting base	_	2.84 K/W
Cth ₁ 2.695E-05 F	分	· Ŋ
Cth ₂ 1.471E-04 F		
Cth ₃ 2.047E-04 F		
Cth ₄ 9.149E-04 F		Rth1 = Cth1
Cth ₅ 3.724E-03 F		早 1 ***
Cth ₆ 4.432E-03 F		
Cth ₇ 1.513E-01 F		
		Rth2 = Cth2
Rth ₁ 3.337E-03 Ω		
Rth ₂ 7.854E-03 Ω		Detta Cub =
Rth ₃ 4.778E-02 Ω		Rth3 Cth3
Rth ₄ 1.011E-01 Ω		
Rth ₅ 3.141E-01 Ω		<u>-</u>
Rth ₆ 1.966E+00 Ω		Rth4 = Cth4
Rth ₇ 4.039E-01 Ω	$\overline{}$	٠ -
	(P)	
	Y	
		Rths = Cth5
		T-
		<u>←</u>
		Rthe = Cth6
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		ή _{ν}
		Rth7 = Cth7
		T
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Date: 20/3/2013		
Rth 2.84 K/W	L	
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