

Thermal RC network (Foster)

SPICE thermal model

BUK9M19-60E

001aal768

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
$R_{th(j-mb)}$	thermal resistance from junction to mounting base		-	-	2.44	K/W
	Cth ₁	2.010E-05 F		夕	4.	
	Cth ₂	1.708E-04 F			<u>tj</u>	
	Cth ₃	1.888E-04 F			$\overline{}$	
	Cth ₄	7.066E-03 F			Rth ₁ Lct	L.
	Cth ₅	1.019E-03 F		L	」 ^{Rth} 1 = Ct	N1
	Cth ₆	9.129E-03 F			_	
	Cth ₇	9.134E-02 F			ς • Τ	
	Cth ₈	2.243E+02 F			Rth ₂ + Ct	h2
				L		_
	Rth₁	4.007E-03 Ω				
	Rth ₂	6.986E-03 Ω		Г	ካ 丄	
	Rth ₃	4.049E-02 Ω			Rth3 + Ct	hз
	Rth_4	1.746Ε-02 Ω			└	
	Rth ₅	1.084E+00 Ω				
	Rth ₆	1.072E+00 Ω			Rth4 + Ct	ha
	Rth ₇	2.058E-01 Ω			ار ب _ا تا ا	· • ••
	Rth ₈	4.457E-03 Ω	((P)		
				\bigvee Γ	5	
					Rth5 + Ct	h5
				۱ '	۲	
					Rth ₆ + Ct	ho
					/' '''''''''''''''''''''''''''''''''''	пр
				Г	5	
					Rth7 +Ct	h 7
				L		
Part:	BUK9M19-60E				٦ <u>, </u>	-
					JRth8 ‡ Ct	ng
Date:	3/3/2016					
Model Rth	2.44 K/M				I	