

Thermal RC network (Foster)

SPICE thermal model

BUK9Y15-100E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.77	K/W
	Cth₁	6.162E-05 F		∱ ┪		
	Cth ₂	4.070E-04 F	1		\neg	
	Cth ₃	4.396E-04 F				
	Cth ₄	3.634E-03 F			tth1 #Cth1	
	Cth ₅	6.243E-03 F		닏		
	Cth ₆	1.557E-02 F				
	Cth ₇	1.939E-01 F		Ŭ F	tth2 Cth2	
	Rth₁	1.359E-03 Ω				
	Rth ₂	2.443Ε-03 Ω		一		
	Rth ₃	1.954Ε-02 Ω			tthis 🖶 Cthis	
	Rth₄	2.996Ε-02 Ω		<u> </u>	-	
	Rth ₅	1.383E-01 Ω				
	Rth ₆	5.185E-01 Ω			tth4 + Cth4	
	Rth ₇	6.149E-02 Ω	لر	L H	. T	
			(F	·) _		
					cths Cths	
				F	tithe Cth6	
				<u></u>		
					Cth7	
Part:	BUK9Y15-100E					
Date:	25/1/2013					
Rth	0.77 K/M	l	l	Ų t _{err}	 nb	