

Thermal RC network (Foster)

SPICE thermal model

BUK7K18-40E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
Rth(j-mb)	thermal resistance from junction to mounting base		-	-	3.96	K/W
	Cth ₁	1.632E-05 F		A	1	
	Cth ₂	9.043E-05 F			<u>tj</u>	
	Cth ₃	1.237E-04 F				
	Cth ₄	5.440E-04 F			Rth1 + Cti	h.4
	Cth ₅	2.462E-03 F			┚╵┈╵┲╚╙	וין
	Cth ₆	2.636E-03 F				
	Cth ₇	1.699E-01 F		l r	5	
	Cth ₈	2.276E+02 F			Rth ₂ + Cti	h2
	Rth ₁	5.513E-03 Ω				
	Rth ₂	1.304Ε-02 Ω		l	<u>ነ</u> ነ	
	Rth ₃	7.719E-02 Ω			Rth3 = Ctl	hვ
	Rth ₄	1.770E-01 Ω				
	Rth ₅	5.109E-01 Ω		۔ ا		
	Rth ₆	2.852E+00 Ω			Rth4 + Ctl	ha
	Rth ₇	3.205E-01 Ω			٠ T	
	Rth ₈	7.015E-04 Ω	((P)		
				\bigvee Γ	<u>ነ</u> ነ	
					Rth5 = Ctl	h5
				_		
					Rth ₆ = Ctl	he
					باد ر ان 	סי
				l r	5	
					Rth7 = Ctl	h7
					۲_	
	DI IIVALIA COE					
Part:	BUK7K18-40E				Rth8 + Cti	ho
Date:	20/3/2013				┦ʹʹʹʹʹ	אי
Date: Rth	20/3/2013 3.96 K/W					
Xu1	3.90 K/W				tomb	
				\Diamond	t _{amb} 001aal70	68
					oo raarr	50