

Thermal RC network (Foster)

SPICE thermal model

BUK7K35-60E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	3.96	K/W
	Cth ₁	1.632E-05 F		A	4	
	Cth ₂	9.043E-05 F			<u>tj</u>	
	Cth ₃	1.237E-04 F				
	Cth ₄	5.440E-04 F			Rth ₁ + Cth	
	Cth ₅	2.462E-03 F			J'``'' T '	l
	Cth ₆	2.636E-03 F				
	Cth ₇	1.699E-01 F		l r	5	
	Cth ₈	2.276E+02 F			Rth2 + Cth	2
	Rth₁	5.513E-03 Ω				
	Rth ₂	1.304E-02 Ω		l r	5	
	Rth ₃	7.719E-02 Ω			Rth3 = Cth	3
	Rth ₄	1.770E-01 Ω				
	Rth₅	5.109E-01 Ω				
	Rth ₆	2.852E+00 Ω			Rth4 + Cth	
	Rth ₇	3.205E-01 Ω			J''''' 4 T ''''	+
	Rth ₈	7.015E-04 Ω	((P)		
			·	\bigvee ,	5	
					Rth5 = Cthe	5
				'		
					$\int_{Btho} \bot_{Cth}$	_
					Rth6 + Cthe	5
				l r	5	
					Rth7 = Cth	7
				l l		
	B. 11/21/22 - 22					
Part:	BUK7K35-60E				Rth8 + Cth	
Doto:	20/2/2042					3
Date: Rth	20/3/2013 3.96 K/W	ı				
NUI	3.90 K/W	1			tomb	
				\Diamond	t _{amb} <i>001aal76</i> 8	2
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