

Thermal RC network (Foster)

SPICE thermal model

BUK7K17-60E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	2.84	K/W
	Cth ₁	2.695E-05 F		Ŷ t		
	Cth ₂	1.471E-04 F	1	1 1	\neg	
	Cth ₃	2.047E-04 F		4		
	Cth ₄	9.149E-04 F			tth1 #Cth1	
	Cth ₅	3.724E-03 F		Ų	. T	
	Cth ₆	4.432E-03 F				
	Cth ₇	1.513E-01 F		\Box		
					tth2 = Cth2	
					-	
	Rth ₁	3.337E-03 Ω			-	
	Rth ₂	7.854E-03 Ω			tths 📥 Ctha	
	Rth ₃	4.778E-02 Ω		Ļ		
	Rth ₄	1.011E-01 Ω				
	Rth ₅	3.141E-01 Ω		ſГ		
	Rth ₆	1.966E+00 Ω			tth4 = Cth4	
	Rth ₇	4.039E-01 Ω		<u>,</u> 7	-	
			(F	ン		
			7		ths ± Cth5	
				Ų.		
				_		
				T T	•	
					tthe 🛨 Cth6	
				닌	-	
					-	
					tth7 📥 Cth7	
				Џ'		
				_	+	

Part:

Date:

Rth

√ t_{emb}

BUK7K17-60E

20/3/2013

2.84

K/W