

Thermal RC network (Foster)

SPICE thermal model

BUK9Y7R2-60E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	0.90	K/W
	C+b	5 190E 05 E		^ -		
	Cth ₁ Cth ₂	5.189E-05 F 3.399E-04 F		Ţ <u>Ŋ</u>		
	Cth ₃	3.893E-04 F		_ ` _		
	Cth ₄	2.947E-03 F		│	<u>,, </u>	
	Cth ₅	4.944E-03 F		"	tth1 = Cth1	
	Cth ₆	4.944E-03 F 1.408E-02 F		~~	-	
	Cth ₇	1.406E-02 F		ا جر		
	J. 17	1.0002 01 1		F	th2 + Cth2	
				닏		
	Rth ₁	1.612E-03 Ω			_	
	Rth ₂	3.276E-03 Ω		▎ │₌	**** Cub.=	
	Rth ₃	2.283E-02 Ω		∐"	iths 🕇 Cths	
	Rth ₄	3.326E-02 Ω			•	
	Rth ₅	1.806E-01 Ω			-	
	Rth ₆	5.956E-01 Ω		F	ithu = Cthu	
	Rth ₇	6.723E-02 Ω		느 노		
			(F	') –		
				\cap	ths ± Cth5	
					ths = Cths	
					•	
					•	
				F	ithe 🗯 Cth6	
				'닏	_	
					-	
				▎ │₌	th7 📥 Cth7	
				╽ Џ"	- Culy	
					1	
art:	BUK9Y7R2-60E					
Date:	17/4/2013					

Model Rth

0.90

K/W