

Thermal RC network (Foster)

SPICE thermal model

BUK9K35-60E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	3.96	K/W
	Qu.	4.0005.05.5				
	Cth₁	1.632E-05 F		全	tj	
	Cth ₂ Cth ₃	9.043E-05 F		_	<u></u>	
	Cth ₄	1.237E-04 F 5.440E-04 F		Г	5	
	Cth ₅	2.462E-03 F			Rth ₁ = Cth	11
	Cth ₆	2.636E-03 F		L		
	Cth ₇	1.699E-01 F				
	Cth ₈	2.276E+02 F			$\uparrow_{Rtho} \perp_{\varsigma_{H}}$	
	Ot 18	2.210LTUZ I			JRth2	12
	Rth₁	5.513E-03 Ω				
	Rth ₂	1.304E-02 Ω		Г	5	
	Rth ₃	7.719E-02 Ω			Rth3 = Cth	າვ
	Rth ₄	1.770Ε-01 Ω		۱ ۱		
	Rth ₅	5.109E-01 Ω				
	Rth ₆	2.852E+00 Ω			Rth4 + Cth	
	Rth ₇	3.205E-01 Ω			┙ ╵┈┸ ᆍ ^ᢗ ╙	14
	Rth ₈	7.015E-04 Ω	((P)		
			·	\bigvee ,	5	
					Rth5 = Ctl	15
				۱ ۲		
					Rth ₆ + Cth	
					丿'`''' '' 干 '''	16
				l	5	
					Rth7 = Ctr	17
				l L	ᆫ	
Dowl	DI WOKOE COE					
Part:	BUK9K35-60E				Rth8 + Cth	10
Date:	20/3/2013				/ ****** 	יס
Rth	3.96 K/V	I				
	5.00	-			t _{amb}	
				∇	-aiiib 001aal70	38
					20/00///	- -