

Thermal RC network (Foster)

SPICE thermal model

BUK9Y107-80E

Parameter	Conditions	Min	Тур	Max	Unit
thermal resistance from junction to mounting base		-	-	4.03	K/W
Cth ₁ 1.14	BE-05 F		Ŷ \$		
Cth ₂ 6.44	2E-05 F	Г	1 1	\neg	
Cth ₃ 8.37	6E-05 F		4		
Cth ₄ 5.75	1E-04 F		R	th1 +Cth1	
Cth ₅ 7.28	BE-04 F		Ų		
Cth ₆ 4.43	9E-03 F				
Cth ₇ 5.31	E-02 F		LT.	•	
			R	th2 = Cth2	
			년	-	
Rth ₁ 7.88	DE-03 Ω			-	
Rth ₂ 1.87	ŧE-02 Ω			th3 📥 Cth3	
Rth ₃ 1.10	SE-01 Ω		Π.,		
Rth ₄ 2.00	5E-01 Ω			┿	
Rth ₅ 1.150	E+00 Ω		4	•	
Rth ₆ 2.326	E+00 Ω		R	th4 = Cth4	
Rth ₇ 2.12	2E-01 Ω		╮ Ľ		
		(P	' / –		
		T	ĺ.	<u> </u>	
				ths = Cths	
			τ_	+	
			4		
			R	the ‡Cth6	
			닏		
			占_		
				th7 = Cth7	
			七	+	
DUI(0)/407.005					
BUK9Y107-80E					
25/1/2013					
T.00 IVVV		-	tarr	nb	
				-	
4.03 K/W		L	↓ t _{arr}	hb	