

Thermal RC network (Foster)

SPICE thermal model

BUK7M27-80E

001aal768

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.44	K/W
	Cth ₁	2.010E-05 F		夕 ,	i i	
	Cth ₂	1.708E-04 F			']	
	Cth ₃	1.888E-04 F				
	Cth ₄	7.066E-03 F			Rth ₁ ${=}$ Ct	h ₄
	Cth ₅	1.019E-03 F		L	ار المار	,
	Cth ₆	9.129E-03 F				
	Cth ₇	9.134E-02 F		Г	5	
	Cth ₈	2.243E+02 F			Rth ₂ = Ct	h2
	Rth ₁	4.007E-03 Ω		_		
	Rth ₂	6.986E-03 Ω			Rth3 + Ct	ho
	Rth ₃	4.049E-02 Ω		L	ارستان کے در	113
	Rth ₄	1.746Ε-02 Ω				
	Rth ₅	1.084E+00 Ω			5	
	Rth ₆	1.072E+00 Ω			Rth4 = Ct	h4
	Rth ₇	2.058E-01 Ω				
	Rth ₈	4.457E-03 Ω		(P)		
				ΤГ	Rth5 + Ct	h
					Rth5 🕇 Ct	n5
						
					√	
					Rth6 = Ct	h ₆
				L	ل	
					$]_{Bthz} \perp_{C4}$	h-
					Rth7 🕇 Ct	117
Part:	BUK7M27-80E				ς •	
					Rth8 + Ct	hg
ate:	9/5/2016			L		-

Model Rth

2.44

K/W