

Thermal RC network (Foster)

SPICE thermal model

BUK9M6R6-30F

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.00	K/W
	Cth ₁	2.117E-05 F		A	4	
	Cth ₂	1.868E-04 F			<u>tj</u>	
	Cth ₃	2.444E-04 F				
	Cth ₄	2.967E-03 F			Rth1 LCth1	
	Cth ₅	1.698E-03 F			」Rth1 = Cth₁	
	Cth ₆	6.259E-03 F				
	Cth ₇	8.221E-02 F			, • Τ	
	Cth ₈	2.085E+02 F			Rth ₂ + Cth ₂	2
				l l	┸┻┛	-
	Rth₁	2.884E-03 Ω				
	Rth ₂	5.970E-03 Ω			┧	
	Rth ₃	2.837E-02 Ω			Rth3 = Cth3	3
	Rth ₄	3.855E-02 Ω			┖—•—	
	Rth ₅	5.033E-01 Ω				
	Rth ₆	1.154E+00 Ω			Rth4 + Cth	1
	Rth ₇	2.626E-01 Ω			J T 9""	
	Rth ₈	3.109E-03 Ω	((P)		
				\bigvee ,	5	
					Rth5 = Cth	5
				L	ᆫᆃᆜ	
					Rth6 + Cthe	3
						
					Rth7 + Cth7	7
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art:	BUK9M6R6-30E				1 ₀₄ , 1	
					Rth8 + Cth8	3
ate:	3/3/2016					
lodel Rth	2.00 K/W			—	 • .	
				\Diamond	t _{amb}	
					001aal768	3