

Thermal RC network (Foster)

SPICE thermal model

BUK762R9-40F

Unit	Max	Тур	Min	Conditions	Parameter	Symbol
K/W	0.64	-	-		thermal resistance from junction to mounting base	₹ _{th(j-mb)}
	4.	4		1.572E-04 F	Cth ₁	
	<u>tj</u>	'		1.124E-03 F	Cth ₂	
		1		8.462E-04 F	Cth ₃	
Mb.	$\bigcap_{Pth_4} \perp_{Cth_4}$			3.272E-03 F	Cth ₄	
,tn1	Rth ₁ + Cth ₁	Ļ		1.019E-02 F	Cth ₅	
		'		2.118E-02 F	Cth ₆	
		۲ ا		5.698E-01 F	Cth ₇	
th2	Rth ₂ + Cth ₂			1.813E+02 F	Cth ₈	
_						
				5.654E-04 Ω	Rth₁	
	<u> </u>			1.114E-03 Ω	Rth ₂	
th3	Rth3 = Cth3			1.315E-02 Ω	Rth ₃	
	┸┯┙	ן ל		3.159E-02 Ω	Rth ₄	
		۱		1.138E-01 Ω	Rth ₅	
`th.	Rth4 + Cth4			3.999E-01 Ω	Rth ₆	
,u14				9.381Ε-02 Ω	Rth ₇	
		(P)	(1.005E-03 Ω	Rth ₈	
	_	У Н	·			
th5	Rth5 + Cth5					
	┧ │					
th ₆	Rth ₆ + Cth ₆					
	┸┿━	ד				
		ر ا				
thz	Rth7 + Cth7					
,ui į	J'''''/ T ''''/					
		'				
		4			BUK762R9-40E	Part:
thg	Rth8 = Cth8					
	┸—				11/4/2013	Date:
				1	0.65 K/W	Model Rth
	t _{amb}	↓ t				
768	001aal768	•				
7	^t amb <i>001aal7</i>	↓ t				