



## Thermal RC network (Foster)

### SPICE thermal model

BUK753R1-40E

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
$R_{th(j-mb)}$	thermal resistance from junction to mounting base		-	-	0.64	K/W

$C_{th1}$	1.572E-04 F
$C_{th2}$	1.124E-03 F
$C_{th3}$	8.462E-04 F
$C_{th4}$	3.272E-03 F
$C_{th5}$	1.019E-02 F
$C_{th6}$	2.118E-02 F
$C_{th7}$	5.698E-01 F
$C_{th8}$	1.813E+02 F

$R_{th1}$	5.654E-04 $\Omega$
$R_{th2}$	1.114E-03 $\Omega$
$R_{th3}$	1.315E-02 $\Omega$
$R_{th4}$	3.159E-02 $\Omega$
$R_{th5}$	1.138E-01 $\Omega$
$R_{th6}$	3.999E-01 $\Omega$
$R_{th7}$	9.381E-02 $\Omega$
$R_{th8}$	1.005E-03 $\Omega$

Part: BUK753R1-40E

Date: 17/4/2013

Model Rth 0.65 K/W

