

## SPICE thermal model

BUK9Y12-100E

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
$R_{th(j-mb)}$	thermal resistance from junction to mounting base		-	-	0.63	K/W

$C_{th1}$	7.578E-05 F
$C_{th2}$	5.163E-04 F
$C_{th3}$	5.303E-04 F
$C_{th4}$	4.594E-03 F
$C_{th5}$	8.156E-03 F
$C_{th6}$	1.766E-02 F
$C_{th7}$	2.995E-01 F
$R_{th1}$	1.090E-03 $\Omega$
$R_{th2}$	1.835E-03 $\Omega$
$R_{th3}$	1.563E-02 $\Omega$
$R_{th4}$	2.408E-02 $\Omega$
$R_{th5}$	1.003E-01 $\Omega$
$R_{th6}$	4.443E-01 $\Omega$
$R_{th7}$	4.209E-02 $\Omega$



Part: BUK9Y12-100E  
 Date: 25/1/2013  
 Rth 0.63 K/W