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Thermal Data for AS4C4M32SA-6TIN

Definition :

$$\theta_{JA} = (T_J - T_A)/P$$

$$\theta_{JC} = (T_J - T_c)/P$$

θ_{JA} : Natural convection junction-to-ambient air thermal resistance

θ_{JC} : Thermal resistance from junction to case

T_J : Maximum junction temperature.

T_A : Ambient or environment temperature.

T_c : Temperature of Case

P: Loading Power

Package Type	θ_{JA}	θ_{JC}
TSOP	128.660	15.210
T_A (°C)	T_J (°C)	T_c (°C)
25	152.373	137.316
55	182.373	167.316
95	222.373	207.316
Loading Power	0.99	Unit : W