

Thermal Data for AS4C32M16SB-7TIN

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	125.78	14.830
T_A (°C)	T_J (°C)	T_c (°C)
25	92.921	84.913
55	122.921	114.913
70	137.921	129.913
85	152.9212	144.913
Loading Power	0.54	Unit : W