



Apex Microtechnology

Materials Substance Report

Model: SA57AHU, SA303HU

Print Time: 6/11/2014 9:26:17 AM

RoHS Compliant: Yes

Lead Free: No

Die Substances	Total Weight (g)
Silicon	0.03481
Lead Frame Substances	
Total Weight (g)	
Copper	0.141847
Iron	0.003419
Phosphorus	0.000044
Zinc	0.000175
Nickel	0.003954
Palladium	0.000084
Gold	0.000016
Mold Substances	
Total Weight (g)	
Multi-aromatic Resin	0.079192
Silicon Dioxide Filler	0.60599
Carbon Black	0.003443
External Heat Slug/Sink Substances	
Total Weight (g)	
Copper	0.9592
External Heat Sink Plating Substances	
Total Weight (g)	
Tin	0.006191
Lead	0.001093
External Plating Substances	
Total Weight (g)	
Nickel	0.000521
Palladium	0.000031
Gold	0.000038



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Lead Free: No

Solder Substances	Total Weight (g)
Lead	0.012905
Tin	0.000698
Silver	0.000349
Wire Substances	Total Weight (g)
Gold	0.001252

Substances Present in This Model

Substance	Total Weight (g)
Carbon Black	0.003443
Copper	1.101047
Gold	0.001306
Iron	0.003419
Lead	0.013998
Multi-aromatic Resin	0.079192
Nickel	0.004475
Palladium	0.000115
Phosphorus	0.000044
Silicon	0.03481
Silicon Dioxide Filler	0.60599
Silver	0.000349
Tin	0.006889
Zinc	0.000175
Sum of all Substances (g)	1.855252