



Apex Microtechnology

Materials Substance Report

Model: SA306AHU, SA306AHR

Print Time: 6/9/2014 2:26:17 PM

RoHS Compliant: Yes

Lead Free: No

Die Substances	Total Weight (g)
Silicon	0.007656
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	0.081794
Silicon Dioxide Filler	0.625902
Carbon Black	0.003556
External Heat Slug/Sink Packages	
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	0.005251
Tin	0.000284
Silver	0.000142
Wire Substances	Total Weight (g)
Copper	0.000572
Palladium	0.000012

Substances Present in This Model

Substance	Total Weight (g)
Phosphorus	0.000044
Gold	0.000054
Palladium	0.000127
Silver	0.000142
Zinc	0.000175
Nickel	0.004475
Iron	0.003419
Carbon Black	0.003556
Lead	0.006344
Tin	0.006475
Silicon	0.007656
Multi-aromatic Resin	0.081794
Silicon Dioxide Filler	0.625902
Copper	1.101619
Sum of all Substances (g)	1.841782