



Apex Microtechnology

Materials Substance Report

Model: PA341CE

Print Time: 9/19/2013 9:17:32 AM

RoHS Compliant: Yes

Lead Free: Yes

Bonding Island Substances	Total Weight (g)
NONE	N/A
Capacitor Substances	Total Weight (g)
NONE	N/A
Die Substances	Total Weight (g)
Aluminum	5.35E-8
Nickel	3.53E-8
Silicon	7.85E-3
Silver	1.19E-4
Tin	2.85E-3
Titanium	9.00E-9
Encapsulant Substances	Total Weight (g)
NONE	N/A
Frame Substances	Total Weight (g)
NONE	N/A
Header Substances	Total Weight (g)
Aluminum	8.65E-4
Barium Oxide	1.26E-1
Carbon	1.10E-2
Chromium	8.65E-4
Cobalt	8.65E-4
Iron	1.09E+1
Manganese	4.85E-2
Nickel	4.38E-1
Phosphorous	4.46E-3
Silica	1.34E-1
Silicon	2.60E-3
Sulfur	5.28E-3
Lead Frame Substances	Total Weight (g)
NONE	N/A



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Lid Substances

Nickel

Total Weight (g)

1.86E+0

Pin Substances

NONE

Total Weight (g)

N/A

Silicone Substances

NONE

Total Weight (g)

N/A

Solder Substances

NONE

Total Weight (g)

N/A

Substrate Substances

NONE

Total Weight (g)

N/A

Thickfilm Substances

NONE

Total Weight (g)

N/A

Wire Substances

Aluminum

Total Weight (g)

2.17E-5



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Substances Present in This Model

Substance	Total Weight (g)
Aluminum	8.87E-4
Barium Oxide	1.26E-1
Carbon	1.10E-2
Chromium	8.65E-4
Cobalt	8.65E-4
Iron	1.09E+1
Manganese	4.85E-2
Nickel	2.30E+0
Phosphorous	4.46E-3
Silica	1.34E-1
Silicon	1.04E-2
Silver	1.19E-4
Sulfur	5.28E-3
Tin	2.85E-3
Titanium	9.00E-9

Sum of All Substances Present in This Model (g) 1.35E+1