

### Materials Declaration

<b>Package</b>	CerDIP
<b>Body Size</b>	300 mils
<b>Lead Count</b>	16
<b>Option</b>	SnPb

Base			
Item	% of Base	Weight (g)	PPM
<b>Ceramics</b>			
Al2O3	68.99	7.90 E-01	359592
MnO2	2.62	3.00 E-02	13661
TiO2	1.40	1.60 E-02	7286
Cr2O3	1.13	1.29 E-02	5874
Fe2O3	0.92	1.05 E-02	4781
SiO2	0.23	2.60 E-03	1184
Co3O4	0.20	2.30 E-03	1047
MgO	0.04	4.70 E-04	214
CaO	0.03	3.50 E-04	159
<b>Sealing Glass</b>			
PbO	14.817	1.70 E-01	77228
SnO2	3.844	4.40 E-02	20036
SiO2	1.738	1.99 E-02	9057
B2O3	1.431	1.64 E-02	7459
Al2O3	0.961	1.10 E-02	5009
TiO2	0.818	9.36 E-03	4262
MgO	0.511	5.85 E-03	2664
ZnO	0.201	2.30 E-03	1047
CaO	0.051	5.85 E-04	266
Cr2O3	0.031	3.50 E-04	159
Fe2O3	0.031	3.50 E-04	159
MnO2	0.010	1.17 E-04	53
Na2O	0.002	2.34 E-05	11
Subtotal		1.14 E+00	521208

Caps			
Item	% of Caps	Weight (g)	PPM
<b>Ceramics</b>			
Al2O3	62.64	4.82 E-01	219480
MnO2	2.40	1.85 E-02	8415
SiO2	2.00	1.54 E-02	7012
TiO2	1.30	1.00 E-02	4554
Cr2O3	1.00	7.70 E-03	3506
Fe2O3	0.81	6.20 E-03	2823
MgO	0.40	3.10 E-03	1412
Co3O4	0.19	1.50 E-03	683
CaO	0.03	2.30 E-04	105
<b>Sealing glass</b>			
PbO	17.91	1.38 E-01	62748
SnO2	4.55	3.50 E-02	15937
SiO2	2.20	1.69 E-02	7695
B2O3	1.69	1.30 E-02	5920
Al2O3	1.20	9.20 E-03	4189
MgO	0.70	5.39 E-03	2454
CaO	0.70	5.39 E-03	2454
ZnO	0.19	1.50 E-03	683
Cr2O3	0.04	3.10 E-04	141
Fe2O3	0.04	3.10 E-04	141
MnO2	0.01	7.70 E-05	35
Subtotal		7.69 E-01	350388

Leadframe			
Item	% of Leadframe	Weight (g)	PPM
Fe	58.810	1.11 E-01	50544
Nickel	40.858	7.70 E-02	35062
Mn	0.523	9.90 E-04	451
Si	0.132	2.50 E-04	114
Co	0.030	5.70 E-05	26
Al	0.026	5.00 E-05	23
Cr	0.010	1.90 E-05	9
S	0.006	1.14 E-05	5
C	0.003	5.70 E-06	3
P	0.002	3.80 E-06	2
Subtotal		1.89 E-01	86238

Paste			
Item	% of Paste	Weight (g)	PPM
Silver	80.0	9.10 E-03	4144
Lead Borate glass	20.0	6.00 E-04	273
Subtotal		9.70 E-03	4417

Chip			
Item	% of Wire	Weight (g)	PPM
Si	100.0	1.00 E-02	4554

Bonding Wires			
Item	% of Wire	Weight (g)	PPM
Aluminum	100.0	3.00 E-03	1366

Solder			
Item	% of Solder	Weight (g)	PPM
Tin	63.0	4.40 E-02	20036
Lead	37.0	2.59 E-02	11794
Subtotal		6.99 E-02	31829

Package Totals	
Weight (g)	PPM
2.20 E+00	1000000

Note: The information provided in this declaration are true to the best of ADI's knowledge. ADI derived most of the information listed in this declaration from documents provided by third parties, and assumes no liability to any inaccuracy of such information.

