

Product / Package Information	
Package	TSSOP
Body Size	4X4
Lead Count	24
Terminal Finish	100Sn

Environmental Compliance Information	
RoHS Compliant	Yes
High Temperature Compliant	
Halogen Free Compliant	Yes
REACH SVHC Compliant	Yes

### Materials Declaration

#### Mold Compound

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Thermosets	Epoxy Resin	85954-11-6	5.33 E-03	10.89	108900	6.09	60934
Other inorganic materials	Fused Silica	60676-86-0	4.35 E-02	88.86	888600	49.72	497208
Other organic materials	Carbon Black	1333-86-4	1.22 E-04	0.25	2500	0.14	1399
Subtotal			4.89 E-02	100.0	1000000	55.95	559541

#### Leadframe

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious Metal	Copper	7440-50-8	2.89 E-02	97.20	972000	33.03	330295
Precious Metal	Iron	7439-89-6	6.12 E-04	2.06	20600	0.70	7000
Other inorganic materials	Phosphorous	7723-14-0	1.19 E-05	0.04	400	0.01	136
Precious Metal	Silver	7440-22-4	1.84 E-04	0.62	6200	0.21	2107
Other inorganic materials	Zinc	7440-66-6	2.38 E-05	0.08	800	0.03	272
Subtotal			2.97 E-02	100.0	1000000	33.98	339810

#### Leadframe Plating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	1.93 E-03	100.00	1000000	2.21	22084
Subtotal			1.93 E-03	100.0	1000000	2.21	22084

#### Chip

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Doped Silicon	7440-21-3	4.49 E-03	100.00	1000000	5.14	51377
Subtotal			4.49 E-03	100.0	1000000	5.14	51377

#### Die Attach

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Thermosets	Epoxy Resin	85954-11-6	2.46 E-04	15.00	150000	0.28	2815
Precious Metals	Silver	7440-22-4	1.34 E-03	82.00	820000	1.54	15388
Other inorganic materials	Copper Oxide	1317-38-0	4.92 E-05	3.00	30000	0.06	563
Subtotal			1.64 E-03	100.0	1000000	1.88	18766

#### Wire

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious Metals	Gold	7440-57-5	7.36 E-04	100.00	1000000	0.84	8422
Subtotal			7.36 E-04	100.0	1000000	0.84	8422

Package Totals	Weight (g)	Percentage (%)	PPM
	8.74 E-02	100.00	1000000

Control ID: MS010618PKG75

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.



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