

Product / Package Information	
Package	MINI_SO_EP
Body Size	N/A
Lead Count	12
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
Other inorganic materials	Fused Silica	60676-86-0	1.58 E-02	84.45	844500	44.76	447624
Thermosets	Epoxy Resin	85954-11-6	1.41 E-03	7.50	75000	3.98	39753
Other inorganic materials	Metal Hydroxide	Proprietary	1.41 E-03	7.50	75000	3.98	39753
Other organic materials	Carbon Black	1333-86-4	1.03 E-04	0.55	5500	0.29	2915
Subtotal			1.88 E-02	100.0	1000000	53	530047

Leadframe Plating							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	7.10 E-04	100.00	1000000	2.01	20059
Subtotal			7.10 E-04	100.0	1000000	2	20059

Chip							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Doped Silicon	7440-21-3	9.24 E-04	100.00	1000000	2.61	26105
Subtotal			9.24 E-04	100.0	1000000	3	26105

Wire							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious Metals	Gold	7440-57-5	1.34 E-04	100.00	1000000	0.38	3786
Subtotal			1.34 E-04	100.0	1000000	0	3786

Die Attach							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Thermosets	Epoxy Resin	85954-11-6	8.70 E-05	15.00	150000	0.25	2458
Precious Metals	Silver	7440-22-4	4.76 E-04	82.00	820000	1.34	13437
Other inorganic materials	Copper Oxide	1317-38-0	1.74 E-05	3.00	30000	0.05	492
Subtotal			5.80 E-04	100.0	1000000	2	16386

Leadframe							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious Metal	Copper	7440-50-8	1.39 E-02	97.20	972000	39.23	392315
Precious Metal	Iron	7439-89-6	2.94 E-04	2.06	20600	0.83	8314
Other inorganic materials	Phosphorous	7723-14-0	5.71 E-06	0.04	400	0.02	161
Precious Metal	Silver	7440-22-4	8.86 E-05	0.62	6200	0.25	2502
Other inorganic materials	Zinc	7440-66-6	1.14 E-05	0.08	800	0.03	323
Subtotal			1.43 E-02	100.0	1000000	40	403616

			Weight (g)			Percentage (%)	PPM
Package Totals			3.54 E-02			100	1000000

Control ID: MS012896PKG5874
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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