



Product / Package Information	
Package	LP3CE (GaAs)
Body Size	
Lead Count	
Terminal Finish	100Sn
MS Number	

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

Materials Declaration

Molding Compound

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Silica	60676-86-0	9.72 E-03	86.20	862000	44.55	445518
Thermosets	Epoxy resin	Proprietary	6.77 E-04	6.00	60000	3.10	31011
Thermosets	Phenol Resin	Proprietary	6.77 E-04	6.00	60000	3.10	31011
Other inorganic materials	Metal Hydroxide	Proprietary	1.69 E-04	1.50	15000	0.78	7753
Other inorganic materials	Carbon Black	1333-86-4	3.38 E-05	0.30	3000	0.16	1551
Subtotal			1.13 E-02	100.0	1000000	51.68	516842

Leadframe

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Copper & its alloys	Copper	7440-50-8	8.13 E-03	97.5	975000	37.27	372707
Copper & its alloys	Iron	7439-89-6	1.96 E-04	2.35	23500	0.90	8983
Copper & its alloys	Zinc	7440-66-6	1.00 E-05	0.12	1200	0.05	459
Copper & its alloys	Phosphorus	7723-14-0	2.50 E-06	0.03	300	0.01	115
Subtotal			8.34 E-03	100	1000000	38.23	382264

External Leadframe Plating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	4.95 E-05	100	1000000	0.23	2269

Bond Wires

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Gold	7440-57-5	1.22 E-04	99.99	1000000	0.56	5591

Chip

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Gallium Arsenide	1303-00-0	1.81 E-03	100	1000000	8.31	83112

Die Attach

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Silver	7440-22-4	1.14 E-04	80.50	805000	0.52	5202
Other organic materials	Carbocyclic Acrylates	Proprietary	1.41 E-05	10.00	100000	0.06	646
Other organic materials	Bismaleimide resin	Proprietary	4.23 E-06	3.00	30000	0.019	194
Other organic materials	2-preponoic acid, 2-methyl	68586-19-6	4.23 E-06	3.0	30000	0.019	194
Others	Additive	Proprietary	4.23 E-06	3.0	30000	0.019	194
Other organic materials	Dicumyl peroxide	80-43-3	7.05 E-07	0.5	5000	0.003	32
Subtotal			1.41 E-04	100	1000000	0.65	6462

Die Coat

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other organic materials	Dimethylsiloxane	68083-19-2	4.56 E-05	60.4	6040000	0.21	2090
Other organic materials	Dimethylvinylated & Trimethylated silica	68988-89-6	2.11 E-05	28.0	2800000	0.10	969
Other organic materials	Dimethyl, Methylhydrogen siloxane	68037-59-2	7.55 E-06	10.0	1000000	0.035	346
Other organic materials	Ethylbenzene	100-41-4	7.55 E-07	1.0	100000	0.0035	35
Other organic materials	Xylene	1330-20-7	4.53 E-07	0.6	60000	0.0021	21
Subtotal			7.55 E-05	100.0	10000000	0.35	3460

Package Totals	Weight (g)	2.18 E-02	Percentage (%)	100	PPM	1000000
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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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