

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPB60R950C6	**Issued**	29. August 2013
MA#	MA000974300		
Package	PG-TO263-3-2	**Weight***	1557.37 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	2.144	0.14	0.14	1376	1376
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		195	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	copper	7440-50-8	304.026	19.52	19.55	195218	195472
wire	non noble metal	aluminium	7429-90-5	0.712	0.05	0.05	457	457
encapsulation	organic material	carbon black	1333-86-4	10.344	0.66		6642	
	plastics	epoxy resin	-	113.781	7.31		73060	
	inorganic material	silicondioxide	60676-86-0	565.455	36.30	44.27	363083	442786
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6201	6201
plating	non noble metal	nickel	7440-02-0	0.228	0.01		147	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	147
solder	noble metal	silver	7440-22-4	0.056	0.00		36	
	non noble metal	tin	7440-31-5	0.045	0.00		29	
	non noble metal	lead	7439-92-1	2.144	0.14	0.14	1377	1442
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		106	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.17	35.22	351661	352119
*deviation	< 10%				Sum in total:	100,00		1000000

Important Remarks:

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