

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPZ60R070P6	**Issued**	11. April 2021
MA#	MA005343364		
Package	PG-TO247-4-1	**Weight***	6173.19 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	21.341	0.35	0.35	3457	3457
leadframe	inorganic material	phosphorus	7723-14-0	0.867	0.01		140	
	non noble metal	iron	7439-89-6	2.890	0.05		468	
	non noble metal	copper	7440-50-8	2,885.760	46.76	46.82	467466	468074
wire	non noble metal	aluminium	7429-90-5	11.874	0.19	0.19	1924	1924
encapsulation	organic material	carbon black	1333-86-4	19.926	0.32		3228	
	plastics	epoxy resin	-	378.590	6.13		61328	
	inorganic material	silicondioxide	60676-86-0	1,594.062	25.82	32.27	258223	322779
leadfinish	non noble metal	tin	7440-31-5	23.087	0.37	0.37	3740	3740
plating	non noble metal	nickel	7440-02-0	1.945	0.03	0.03	315	315
solder	non noble metal	antimony	7440-36-0	0.834	0.01		135	
	noble metal	silver	7440-22-4	2.085	0.03		338	
	non noble metal	tin	7440-31-5	5.420	0.09	0.13	878	1351
heatspreader	inorganic material	phosphorus	7723-14-0	0.367	0.01		60	
	non noble metal	iron	7439-89-6	1.225	0.02		198	
	non noble metal	copper	7440-50-8	1,222.919	19.81	19.84	198102	198360
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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