



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R125CFD7		<b>Issued</b>		9. January 2019		
<b>MA#</b>		MA001899192						
<b>Package</b>		PG-TO220-3-317		<b>Weight*</b>		2104.51 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	5.435	0.26	0.26	2582	2582
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		171	
	non noble metal	iron	7439-89-6	1.202	0.06		571	
	non noble metal	copper	7440-50-8	1200.685	57.04	57.12	570530	571272
	non noble metal	aluminium	7429-90-5	2.854	0.14	0.14	1356	1356
wire	non noble metal	aluminium	7429-90-5	2.854	0.14	0.14	1356	1356
encapsulation	organic material	carbon black	1333-86-4	8.776	0.42		4170	
	plastics	epoxy resin	-	141.965	6.75		67457	
	inorganic material	silicondioxide	60676-86-0	732.377	34.80	41.97	348004	419631
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3748	3748
solder	non noble metal	antimony	7440-36-0	0.297	0.01		141	
	noble metal	silver	7440-22-4	0.742	0.04		353	
	non noble metal	tin	7440-31-5	1.930	0.09	0.14	917	1411
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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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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