



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R125C6		<b>Issued</b>		31. January 2019		
<b>MA#</b>		MA001702384						
<b>Package</b>		PG-TO220-3-313		<b>Weight*</b>		2166.97 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	12.221	0.56	0.56	5640	5640
leadframe	inorganic material	phosphorus	7723-14-0	0.315	0.01		145	
	non noble metal	iron	7439-89-6	1.048	0.05		484	
	non noble metal	copper	7440-50-8	1047.023	48.33	48.39	483173	483802
	non noble metal	aluminium	7429-90-5	3.002	0.14	0.14	1385	1385
wire	non noble metal	aluminium	7429-90-5	3.002	0.14	0.14	1385	1385
encapsulation	organic material	carbon black	1333-86-4	2.252	0.10		1039	
	plastics	epoxy resin	-	205.440	9.48		94805	
	inorganic material	silicondioxide	60676-86-0	880.793	40.65	50.23	406462	502306
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3635	3635
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	764	764
solder	non noble metal	antimony	7440-36-0	0.535	0.02		247	
	noble metal	silver	7440-22-4	1.337	0.06		617	
	non noble metal	tin	7440-31-5	3.475	0.16	0.24	1604	2468
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com