



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R125CP		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001127732						
<b>Package</b>		PG-TO220-3-253		<b>Weight*</b>		2136.97 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	13.508	0.63	0.63	6321	6321
leadframe	non noble metal	iron	7439-89-6	1.431	0.07		669	
	inorganic material	phosphorus	7723-14-0	0.429	0.02		201	
	non noble metal	copper	7440-50-8	1428.770	66.86	66.95	668596	669466
wire	non noble metal	aluminium	7429-90-5	2.993	0.14	0.14	1400	1400
encapsulation	organic material	carbon black	1333-86-4	3.304	0.15		1546	
	plastics	epoxy resin	-	128.868	6.03		60304	
	inorganic material	silicondioxide	60676-86-0	528.687	24.74	30.92	247400	309250
leadfinish	non noble metal	tin	7440-31-5	21.462	1.00	1.00	10043	10043
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	825	825
solder	non noble metal	antimony	7440-36-0	0.576	0.03		269	
	noble metal	silver	7440-22-4	1.440	0.07		674	
	non noble metal	tin	7440-31-5	3.743	0.18	0.28	1752	2695
*deviation	< 10%					Sum in total:	100.00	1000000

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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