



## Material Content Data Sheet



<b>Sales Product Name</b>				IPA60R125P6		<b>Issued</b>		25. September 2017	
<b>MA#</b>				MA001371666					
<b>Package</b>				PG-TO220-3-313		<b>Weight*</b>		2208.91 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	0.55	0.55	5533	5533	
leadframe	non noble metal	iron	7439-89-6	0.903	0.04		409		
	inorganic material	phosphorus	7723-14-0	0.271	0.01		123		
	non noble metal	copper	7440-50-8	902.149	40.84	40.89	408413	408945	
wire	non noble metal	aluminium	7429-90-5	2.895	0.13	0.13	1310	1310	
encapsulation	organic material	carbon black	1333-86-4	2.340	0.11		1059		
	plastics	epoxy resin	-	213.361	9.66		96591		
	inorganic material	silicondioxide	60676-86-0	914.710	41.41	51.18	414100	511750	
leadfinish	non noble metal	tin	7440-31-5	7.975	0.36	0.36	3611	3611	
plating	non noble metal	nickel	7440-02-0	1.676	0.08	0.08	759	759	
solder	non noble metal	antimony	7440-36-0	0.535	0.02		242		
	noble metal	silver	7440-22-4	1.337	0.06		605		
	non noble metal	tin	7440-31-5	3.475	0.16	0.24	1573	2420	
heatspreader	non noble metal	iron	7439-89-6	0.145	0.01		66		
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20		
	non noble metal	copper	7440-50-8	144.874	6.56	6.57	65586	65672	
*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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