



Material Content Data Sheet



Sales Product Name				IPA60R125CP		Issued		26. September 2017	
MA#				MA001393414					
Package				PG-TO220-3-313		Weight*		2213.56 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	0.61	0.61	6102	6102	
leadframe	non noble metal	iron	7439-89-6	0.903	0.04		408		
	inorganic material	phosphorus	7723-14-0	0.271	0.01		122		
	non noble metal	copper	7440-50-8	902.149	40.76	40.81	407557	408087	
wire	non noble metal	aluminium	7429-90-5	2.998	0.14	0.14	1354	1354	
encapsulation	organic material	carbon black	1333-86-4	2.303	0.10		1041		
	plastics	epoxy resin	-	213.465	9.64		96435		
	inorganic material	silicondioxide	60676-86-0	917.602	41.46	51.20	414538	512014	
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3559	3559	
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	748	748	
solder	non noble metal	antimony	7440-36-0	0.576	0.03		260		
	noble metal	silver	7440-22-4	1.440	0.06		650		
	non noble metal	tin	7440-31-5	3.743	0.17	0.26	1691	2601	
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	6.54	6.55	65449	65535	
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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