



Material Content Data Sheet



Sales Product Name				IPA65R125C7		Issued		31. January 2019	
MA#				MA001374692					
Package				PG-TO220-3-313		Weight*		2206.17 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	6.035	0.27	0.27	2736	2736	
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123		
	non noble metal	iron	7439-89-6	0.903	0.04		409		
wire	non noble metal	copper	7440-50-8	902.149	40.89	40.94	408921	409453	
	non noble metal	aluminium	7429-90-5	2.987	0.14	0.14	1354	1354	
encapsulation	organic material	carbon black	1333-86-4	2.315	0.10		1049		
	plastics	epoxy resin	-	214.029	9.70		97014		
leadfinish	inorganic material	silicondioxide	60676-86-0	919.674	41.69	51.49	416865	514928	
	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3570	3570	
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	751	751	
solder	non noble metal	antimony	7440-36-0	0.321	0.01		145		
	noble metal	silver	7440-22-4	0.802	0.04		364		
heatspreader	non noble metal	tin	7440-31-5	2.086	0.09	0.14	945	1454	
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20		
	non noble metal	iron	7439-89-6	0.145	0.01		66		
	non noble metal	copper	7440-50-8	144.874	6.57	6.58	65668	65754	
*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

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