



Material Content Data Sheet



Sales Product Name		IPA65R065C7		Issued		20. July 2018		
MA#		MA001638558						
Package		PG-TO220-3-313		Weight*		2261.44 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	10.944	0.48	0.48	4839	4839
leadframe	non noble metal	iron	7439-89-6	0.903	0.04		399	
	inorganic material	phosphorus	7723-14-0	0.271	0.01		120	
	non noble metal	copper	7440-50-8	902.149	39.89	39.94	398927	399446
wire	non noble metal	aluminium	7429-90-5	5.705	0.25	0.25	2523	2523
encapsulation	organic material	carbon black	1333-86-4	2.458	0.11		1087	
	plastics	epoxy resin	-	223.204	9.87		98700	
	inorganic material	silicondioxide	60676-86-0	956.229	42.29	52.27	422841	522628
leadfinish	non noble metal	tin	7440-31-5	7.877	0.35	0.35	3483	3483
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	732	732
solder	non noble metal	antimony	7440-36-0	0.498	0.02		220	
	noble metal	silver	7440-22-4	1.246	0.06		551	
	non noble metal	tin	7440-31-5	3.239	0.14	0.22	1432	2203
heatspreader	non noble metal	iron	7439-89-6	0.145	0.01		64	
	inorganic material	phosphorus	7723-14-0	0.044	0.00		19	
	non noble metal	copper	7440-50-8	144.874	6.41	6.42	64063	64146
*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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