



Material Content Data Sheet



Sales Product Name		IPA65R065C7		Issued		1. August 2018		
MA#		MA002224324						
Package		PG-TO220-3-313		Weight*		2164.63 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	0.51	0.51	5056	5056
leadframe	inorganic material	phosphorus	7723-14-0	0.315	0.01		145	
	non noble metal	iron	7439-89-6	1.048	0.05		484	
	non noble metal	copper	7440-50-8	1047.023	48.38	48.44	483697	484326
	non noble metal	aluminium	7429-90-5	5.705	0.26	0.26	2635	2635
wire	non noble metal	aluminium	7429-90-5	5.705	0.26	0.26	2635	2635
encapsulation	organic material	carbon black	1333-86-4	2.265	0.10		1046	
	plastics	epoxy resin	-	205.004	9.47		94706	
	inorganic material	silicondioxide	60676-86-0	877.811	40.55	50.12	405526	501278
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3639	3639
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	765	765
solder	non noble metal	antimony	7440-36-0	0.498	0.02		230	
	noble metal	silver	7440-22-4	1.246	0.06		575	
	non noble metal	tin	7440-31-5	3.239	0.15	0.23	1496	2301
*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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