



Material Content Data Sheet



Sales Product Name		IPA65R225C7		Issued		1. August 2018		
MA#		MA002262418						
Package		PG-TO220-3-313		Weight*		2207.27 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	3.621	0.16	0.16	1640	1640
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		409	
	non noble metal	copper	7440-50-8	902.149	40.87	40.92	408718	409250
	non noble metal	aluminium	7429-90-5	2.888	0.13	0.13	1308	1308
wire	non noble metal	aluminium	7429-90-5	2.888	0.13	0.13	1308	1308
encapsulation	organic material	carbon black	1333-86-4	2.306	0.10		1045	
	plastics	epoxy resin	-	214.695	9.73		97268	
	inorganic material	silicondioxide	60676-86-0	923.582	41.84	51.67	418428	516741
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3569	3569
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	750	750
solder	non noble metal	antimony	7440-36-0	0.226	0.01		102	
	noble metal	silver	7440-22-4	0.564	0.03		255	
	non noble metal	tin	7440-31-5	1.466	0.07	0.11	664	1021
heatspreader	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	6.56	6.57	65635	65721
*deviation	< 10%			Sum in total:		100.00		1000000

Important Remarks:

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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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