



Material Content Data Sheet



Sales Product Name		IPA65R095C7		Issued		4. July 2019		
MA#		MA001374690						
Package		PG-TO220-3-313		Weight*		2205.37 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	7.800	0.35	0.35	3537	3537
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		410	
	non noble metal	copper	7440-50-8	902.149	40.91	40.96	409068	409601
	non noble metal	aluminium	7429-90-5	2.936	0.13	0.13	1331	1331
wire	non noble metal	aluminium	7429-90-5	2.936	0.13	0.13	1331	1331
encapsulation	organic material	carbon black	1333-86-4	2.321	0.11		1053	
	plastics	epoxy resin	-	213.572	9.68		96841	
	inorganic material	silicondioxide	60676-86-0	916.967	41.58	51.37	415789	513683
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3572	3572
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	751	751
solder	non noble metal	antimony	7440-36-0	0.385	0.02		175	
	noble metal	silver	7440-22-4	0.963	0.04		437	
	non noble metal	tin	7440-31-5	2.505	0.11	0.17	1136	1748
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	6.57	6.58	65691	65777
*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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