



## Material Content Data Sheet



<b>Sales Product Name</b>				IPA65R099C6		<b>Issued</b>		4. July 2019	
<b>MA#</b>				MA001374574					
<b>Package</b>				PG-TO220-3-313		<b>Weight*</b>		2199.75 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	15.501	0.70	0.70	7047	7047	
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123		
	non noble metal	iron	7439-89-6	0.903	0.04		411		
	non noble metal	copper	7440-50-8	902.149	41.01	41.06	410114	410648	
	non noble metal	aluminium	7429-90-5	2.966	0.13	0.13	1348	1348	
wire	non noble metal	aluminium	7429-90-5	2.966	0.13	0.13	1348	1348	
encapsulation	organic material	carbon black	1333-86-4	2.365	0.11		1075		
	plastics	epoxy resin	-	211.378	9.61		96092		
	inorganic material	silicondioxide	60676-86-0	903.145	41.06	50.78	410567	507734	
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3581	3581	
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	753	753	
solder	non noble metal	antimony	7440-36-0	0.648	0.03		294		
	noble metal	silver	7440-22-4	1.619	0.07		736		
	non noble metal	tin	7440-31-5	4.210	0.19	0.29	1914	2944	
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	6.59	6.60	65859	65945	
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com