



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA65R650CE		<b>Issued</b>		1. August 2018			
<b>MA#</b>		MA001299628							
<b>Package</b>		PG-TO220-3-312		<b>Weight*</b>		2054.60 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	3.294	0.16	0.16	1603	1603	
leadframe	inorganic material	phosphorus	7723-14-0	0.285	0.01		139		
	non noble metal	iron	7439-89-6	0.949	0.05		462		
	non noble metal	copper	7440-50-8	947.445	46.10	46.16	461134	461735	
	non noble metal	aluminium	7429-90-5	0.818	0.04	0.04	398	398	
wire	non noble metal	aluminium	7429-90-5	0.818	0.04	0.04	398	398	
encapsulation	organic material	carbon black	1333-86-4	11.816	0.58		5751		
	plastics	epoxy resin	-	175.227	8.53		85285		
	inorganic material	silicondioxide	60676-86-0	901.573	43.88	52.99	438808	529844	
leadfinish	non noble metal	tin	7440-31-5	11.095	0.54	0.54	5400	5400	
solder	non noble metal	antimony	7440-36-0	0.210	0.01		102		
	noble metal	silver	7440-22-4	0.524	0.03		255		
	non noble metal	tin	7440-31-5	1.363	0.07	0.11	663	1020	
*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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