



Material Content Data Sheet



Sales Product Name				IPP65R225C7		Issued		19. July 2018	
MA#				MA001169658					
Package				PG-TO220-3-1		Weight*		2031.07 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	0.18	0.18	1783	1783	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121		
	non noble metal	copper	7440-50-8	815.335	40.14	40.19	401430	401954	
wire	non noble metal	aluminium	7429-90-5	2.617	0.13	0.13	1288	1288	
encapsulation	organic material	carbon black	1333-86-4	5.942	0.29		2926		
	plastics	epoxy resin	-	112.906	5.56		55589		
	inorganic material	silicondioxide	60676-86-0	475.392	23.41	29.26	234060	292575	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10567	10567	
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120	
solder	non noble metal	antimony	7440-36-0	0.226	0.01		111		
	noble metal	silver	7440-22-4	0.564	0.03		278		
	non noble metal	tin	7440-31-5	1.466	0.07	0.11	722	1111	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		291		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	29.02	29.06	290224	290602	
*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.
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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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