



Material Content Data Sheet



Sales Product Name				IPA65R065C7		Issued		25. September 2017	
MA#				MA001374674					
Package				PG-TO220-3-313		Weight*		2209.46 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	10.944	0.50	0.50	4953	4953	
leadframe	non noble metal	iron	7439-89-6	0.903	0.04		409		
	inorganic material	phosphorus	7723-14-0	0.271	0.01		123		
	non noble metal	copper	7440-50-8	902.149	40.83	40.88	408312	408844	
wire	non noble metal	aluminium	7429-90-5	5.704	0.26	0.26	2582	2582	
encapsulation	organic material	carbon black	1333-86-4	2.358	0.11		1067		
	plastics	epoxy resin	-	213.445	9.66		96605		
	inorganic material	silicondioxide	60676-86-0	913.984	41.35	51.12	413668	511340	
leadfinish	non noble metal	tin	7440-31-5	7.975	0.36	0.36	3610	3610	
plating	non noble metal	nickel	7440-02-0	1.676	0.08	0.08	759	759	
solder	non noble metal	antimony	7440-36-0	0.498	0.02		226		
	noble metal	silver	7440-22-4	1.246	0.06		564		
	non noble metal	tin	7440-31-5	3.239	0.15	0.23	1466	2256	
heatspreader	non noble metal	iron	7439-89-6	0.145	0.01		66		
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20		
	non noble metal	copper	7440-50-8	144.874	6.56	6.57	65570	65656	
*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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