



Material Content Data Sheet



Sales Product Name				IPP65R125C7		Issued		25. September 2017	
MA#				MA001085908					
Package				PG-TO220-3-1		Weight*		2032.22 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	6.035	0.30	0.30	2970	2970	
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	40.12	40.17	401202	401726	
wire	non noble metal	aluminium	7429-90-5	2.709	0.13	0.13	1333	1333	
encapsulation	organic material	carbon black	1333-86-4	5.919	0.29		2913		
	plastics	epoxy resin	-	112.468	5.53		55342		
	inorganic material	silicondioxide	60676-86-0	473.548	23.30	29.12	233019	291274	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10561	10561	
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	0.321	0.02		158		
	noble metal	silver	7440-22-4	0.802	0.04		395		
	non noble metal	tin	7440-31-5	2.086	0.10	0.16	1026	1579	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	29.01	29.05	290060	290437	
*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