



Material Content Data Sheet



Sales Product Name				IPP65R280E6		Issued		27. September 2017	
MA#				MA001040236					
Package				PG-TO220-3-123		Weight*		2030.18 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	2973	2973	
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	40.15	40.20	401607	402130	
wire	non noble metal	aluminium	7429-90-5	26.200	1.29	1.29	12905	12905	
encapsulation	organic material	carbon black	1333-86-4	2.259	0.11		1113		
	plastics	epoxy resin	-	65.525	3.23		32276		
	inorganic material	silicondioxide	60676-86-0	497.088	24.48	27.82	244849	278238	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10572	10572	
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	869	869	
solder	non noble metal	antimony	7440-36-0	0.321	0.02		158		
	noble metal	silver	7440-22-4	0.803	0.04		396		
	non noble metal	tin	7440-31-5	2.088	0.10	0.16	1029	1583	
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	29.04	29.08	290352	290730	
*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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