



Material Content Data Sheet



Sales Product Name				IPW65R280C6		Issued		27. September 2017	
MA#				MA001040242					
Package				PG-TO247-3-41		Weight*		6052.11 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	0.10	0.10	997	997	
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88		
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26		
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87419	87533	
wire	non noble metal	aluminium	7429-90-5	43.467	0.72	0.72	7182	7182	
encapsulation	organic material	carbon black	1333-86-4	19.662	0.32		3249		
	plastics	epoxy resin	-	373.582	6.17		61727		
	inorganic material	silicondioxide	60676-86-0	1572.979	25.99	32.48	259905	324881	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5267	5267	
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4802	4802	
solder	non noble metal	antimony	7440-36-0	0.321	0.01		53		
	noble metal	silver	7440-22-4	0.802	0.01		133		
	non noble metal	tin	7440-31-5	2.086	0.03	0.05	345	531	
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171		
	non noble metal	iron	7439-89-6	3.442	0.06		569		
	non noble metal	copper	7440-50-8	3438.006	56.81	56.89	568067	568807	
*deviation	< 10%					Sum in total:	100.00		1000000

Important Remarks:

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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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