



Material Content Data Sheet



Sales Product Name		IPW65R070C6		Issued		1. August 2018		
MA#		MA001070622						
Package		PG-TO247-3-41		Weight*		6063.67 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	21.927	0.36	0.36	3616	3616
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.73	8.74	87252	87365
wire	non noble metal	aluminium	7429-90-5	84.819	1.40	1.40	13988	13988
encapsulation	organic material	carbon black	1333-86-4	19.152	0.32		3159	
	plastics	epoxy resin	-	363.895	6.00		60012	
	inorganic material	silicondioxide	60676-86-0	1532.188	25.27	31.59	252684	315855
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5257	5257
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4793	4793
solder	non noble metal	antimony	7440-36-0	0.851	0.01		140	
	noble metal	silver	7440-22-4	2.127	0.04		351	
	non noble metal	tin	7440-31-5	5.530	0.09	0.14	912	1403
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	iron	7439-89-6	3.442	0.06		568	
	non noble metal	copper	7440-50-8	3438.006	56.68	56.76	566985	567723
*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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