



Material Content Data Sheet



Sales Product Name		IPW65R037C6		Issued		1. August 2018		
MA#		MA001001632						
Package		PG-TO247-3-41		Weight*		6073.90 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	39.403	0.65	0.65	6487	6487
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	8.71	8.72	87105	87218
wire	non noble metal	aluminium	7429-90-5	113.205	1.86	1.86	18638	18638
encapsulation	organic material	carbon black	1333-86-4	18.744	0.31		3086	
	plastics	epoxy resin	-	356.145	5.86		58635	
	inorganic material	silicondioxide	60676-86-0	1499.559	24.69	30.86	246886	308607
leadfinish	non noble metal	tin	7440-31-5	31.874	0.52	0.52	5248	5248
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4785	4785
solder	non noble metal	antimony	7440-36-0	1.367	0.02		225	
	noble metal	silver	7440-22-4	3.417	0.06		563	
	non noble metal	tin	7440-31-5	8.885	0.15	0.23	1463	2251
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		567	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.60	56.68	566029	566766
*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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