



Material Content Data Sheet



Sales Product Name		IHW25N120R2		Issued		20. July 2018		
MA#		MA000732084						
Package		PG-TO247-3-44		Weight*		6057.53 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	6.816	0.11	0.11	1125	1125
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	87341	87454
wire	non noble metal	aluminium	7429-90-5	80.573	1.33	1.33	13301	13301
encapsulation	organic material	carbon black	1333-86-4	19.327	0.32		3191	
	plastics	epoxy resin	-	367.207	6.06		60620	
	inorganic material	silicondioxide	60676-86-0	1546.136	25.52	31.90	255242	319053
leadfinish	non noble metal	tin	7440-31-5	32.273	0.53	0.53	5328	5328
plating	non noble metal	nickel	7440-02-0	29.428	0.49	0.49	4858	4858
solder	non noble metal	antimony	7440-36-0	0.353	0.01		58	
	noble metal	silver	7440-22-4	0.883	0.01		146	
	non noble metal	tin	7440-31-5	2.296	0.04	0.06	379	583
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		568	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.76	56.84	567560	568298
*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.
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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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