



Material Content Data Sheet



Sales Product Name		IHW25N120R2		Issued		27. September 2017		
MA#		MA000392039						
Package		PG-TO247-3-41		Weight*		6057.47 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	87342	87455
wire	non noble metal	aluminium	7429-90-5	86.664	1.43	1.43	14307	14307
encapsulation	organic material	carbon black	1333-86-4	19.273	0.32		3182	
	plastics	epoxy resin	-	366.183	6.05		60452	
	inorganic material	silicondioxide	60676-86-0	1541.824	25.45	31.82	254533	318167
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5262	5262
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4798	4798
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	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	56.75	56.83	567565	568303
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com