



Material Content Data Sheet



Sales Product Name				IHW25N120R2		Issued		27. September 2017	
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:

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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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