



Material Content Data Sheet



Sales Product Name				IHW30N135R3		Issued		19. July 2018	
MA#				MA001151706					
Package				PG-TO247-3-44		Weight*		6048.34 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	7.882	0.13	0.13	1303	1303	
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88		
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26		
	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87473	87587	
wire	non noble metal	aluminium	7429-90-5	3.347	0.06	0.06	553	553	
encapsulation	organic material	carbon black	1333-86-4	20.000	0.33		3307		
	plastics	epoxy resin	-	380.005	6.28		62828		
	inorganic material	silicondioxide	60676-86-0	1600.023	26.45	33.06	264540	330675	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5270	5270	
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4805	4805	
solder	non noble metal	antimony	7440-36-0	0.390	0.01		65		
	noble metal	silver	7440-22-4	0.976	0.02		161		
	non noble metal	tin	7440-31-5	2.537	0.04	0.07	419	645	
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		569		
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171		
	non noble metal	copper	7440-50-8	3438.006	56.83	56.91	568422	569162	
*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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