



Material Content Data Sheet



Sales Product Name		IHW30N135R5		Issued		1. August 2018			
MA#		MA002503958							
Package		PG-TO247-3-44		Weight*		5954.28 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	6.584	0.11	0.11	1106	1106	
leadframe	inorganic material	phosphorus	7723-14-0	1.192	0.02		200		
	non noble metal	iron	7439-89-6	3.972	0.07		667		
	non noble metal	copper	7440-50-8	3967.074	66.62	66.71	666257	667124	
wire	non noble metal	aluminium	7429-90-5	8.475	0.14	0.14	1423	1423	
encapsulation	organic material	carbon black	1333-86-4	9.513	0.16		1598		
	plastics	epoxy resin	-	380.522	6.39		63907		
	inorganic material	silicondioxide	60676-86-0	1512.576	25.40	31.95	254032	319537	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.54	0.54	5353	5353	
plating	non noble metal	nickel	7440-02-0	29.065	0.49	0.49	4881	4881	
solder	non noble metal	antimony	7440-36-0	0.343	0.01		58		
	noble metal	silver	7440-22-4	0.857	0.01		144		
	non noble metal	tin	7440-31-5	2.229	0.04	0.06	374	576	
*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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