



Material Content Data Sheet



Sales Product Name				IHW30N110R3		Issued		25. September 2017	
MA#				MA001413524					
Package				PG-TO247-3-41		Weight*		6056.46 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	4.284	0.07	0.07	707	707	
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	8.74	8.75	87356	87469	
wire	non noble metal	aluminium	7429-90-5	80.914	1.34	1.34	13360	13360	
encapsulation	organic material	carbon black	1333-86-4	19.347	0.32		3194		
	plastics	epoxy resin	-	367.587	6.07		60693		
	inorganic material	silicondioxide	60676-86-0	1547.736	25.56	31.95	255551	319438	
leadfinish	non noble metal	tin	7440-31-5	32.273	0.53	0.53	5329	5329	
plating	non noble metal	nickel	7440-02-0	29.428	0.49	0.49	4859	4859	
solder	non noble metal	antimony	7440-36-0	0.266	0.00		44		
	noble metal	silver	7440-22-4	0.664	0.01		110		
	non noble metal	tin	7440-31-5	1.727	0.03	0.04	285	439	
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		568		
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171		
	non noble metal	copper	7440-50-8	3438.006	56.75	56.83	567660	568399	
*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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