



Material Content Data Sheet



Sales Product Name		IHW30N110R3		Issued		19. January 2018		
MA#		MA000789368						
Package		PG-TO247-3-44		Weight*		6056.62 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	87354	87467
wire	non noble metal	aluminium	7429-90-5	82.225	1.36	1.36	13576	13576
encapsulation	organic material	carbon black	1333-86-4	19.335	0.32		3192	
	plastics	epoxy resin	-	367.367	6.07		60656	
	inorganic material	silicondioxide	60676-86-0	1546.808	25.54	31.93	255392	319240
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	567644	568383
*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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