



Material Content Data Sheet



Sales Product Name		IGW60N60H3		Issued		19. July 2018		
MA#		MA000984168						
Package		PG-TO247-3-41		Weight*		6057.35 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	6.195	0.10	0.10	1023	1023
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	87343	87456
wire	non noble metal	aluminium	7429-90-5	82.070	1.35	1.35	13549	13549
encapsulation	organic material	carbon black	1333-86-4	19.317	0.32		3189	
	plastics	epoxy resin	-	367.021	6.06		60591	
	inorganic material	silicondioxide	60676-86-0	1545.351	25.51	31.89	255121	318901
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5262	5262
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4798	4798
solder	non noble metal	antimony	7440-36-0	0.421	0.01		70	
	noble metal	silver	7440-22-4	1.054	0.02		174	
	non noble metal	tin	7440-31-5	2.739	0.05	0.08	452	696
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	56.75	56.83	567577	568315
*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.
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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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