



## Material Content Data Sheet



<b>Sales Product Name</b>		IGW100N60H3		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA000983384						
<b>Package</b>		PG-TO247-3-41		<b>Weight*</b>		6069.19 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	9.865	0.16	0.16	1625	1625
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	8.72	8.73	87173	87286
wire	non noble metal	aluminium	7429-90-5	164.222	2.71	2.71	27058	27058
encapsulation	organic material	carbon black	1333-86-4	18.554	0.31		3057	
	plastics	epoxy resin	-	352.528	5.81		58085	
	inorganic material	silicondioxide	60676-86-0	1484.328	24.46	30.58	244568	305710
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5252	5252
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4789	4789
solder	non noble metal	antimony	7440-36-0	0.652	0.01		107	
	noble metal	silver	7440-22-4	1.630	0.03		268	
	non noble metal	tin	7440-31-5	4.237	0.07	0.11	698	1073
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		567	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.62	56.70	566470	567207
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com