



Material Content Data Sheet



Sales Product Name		IGW60N60H3		Issued		25. September 2017		
MA#		MA000997214						
Package		PG-TO247-3-44		Weight*		6057.77 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	87337	87450
wire	non noble metal	aluminium	7429-90-5	79.171	1.31	1.31	13069	13069
encapsulation	organic material	carbon black	1333-86-4	19.343	0.32		3193	
	plastics	epoxy resin	-	367.508	6.07		60667	
	inorganic material	silicondioxide	60676-86-0	1547.403	25.54	31.93	255441	319301
leadfinish	non noble metal	tin	7440-31-5	32.273	0.53	0.53	5328	5328
plating	non noble metal	nickel	7440-02-0	29.428	0.49	0.49	4858	4858
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	56.74	56.82	567537	568275
*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