



## Material Content Data Sheet



<b>Sales Product Name</b>		IGW08T120		<b>Issued</b>		25. January 2018		
<b>MA#</b>		MA001241996						
<b>Package</b>		PG-TO247-3-41		<b>Weight*</b>		6046.26 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	3.897	0.06	0.06	645	645
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87504	87618
wire	non noble metal	aluminium	7429-90-5	2.469	0.04	0.04	408	408
encapsulation	organic material	carbon black	1333-86-4	20.045	0.33		3315	
	plastics	epoxy resin	-	380.856	6.30		62990	
	inorganic material	silicondioxide	60676-86-0	1603.605	26.52	33.15	265223	331528
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5272	5272
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4807	4807
solder	non noble metal	antimony	7440-36-0	0.221	0.00		37	
	noble metal	silver	7440-22-4	0.552	0.01		91	
	non noble metal	tin	7440-31-5	1.435	0.02	0.03	237	365
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		569	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	copper	7440-50-8	3438.006	56.87	56.95	568617	569357
*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