



## Material Content Data Sheet



<b>Sales Product Name</b>				IDW40G65C5B		<b>Issued</b>		31. January 2019	
<b>MA#</b>				MA001675340					
<b>Package</b>				PG-TO247-3-41		<b>Weight*</b>		6046.03 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip_1	inorganic material	silicon	7440-21-3	1.072	0.02	0.02	177	177	
chip_2	inorganic material	silicon	7440-21-3	1.072	0.02	0.02	177	177	
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		26		
	non noble metal	iron	7439-89-6	0.530	0.01		88		
	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87507	87621	
	non noble metal	aluminium	7429-90-5	7.204	0.12	0.12	1192	1192	
wire	non noble metal	aluminium	7429-90-5	7.204	0.12	0.12	1192	1192	
encapsulation	organic material	carbon black	1333-86-4	20.019	0.33		3311		
	plastics	epoxy resin	-	380.363	6.29		62911		
	inorganic material	silicondioxide	60676-86-0	1601.530	26.49	33.11	264890	331112	
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	0.159	0.00		26		
	noble metal	silver	7440-22-4	0.399	0.01		66		
	non noble metal	tin	7440-31-5	1.037	0.02	0.03	171	263	
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171		
	non noble metal	iron	7439-89-6	3.442	0.06		569		
	non noble metal	copper	7440-50-8	3438.006	56.85	56.93	568639	569379	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

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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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