



## Material Content Data Sheet



<b>Sales Product Name</b>		IDW40E65D1		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001015616						
<b>Package</b>		PG-TO247-3-44		<b>Weight*</b>		6046.47 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	1.676	0.03	0.03	277	277
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	87500	87614
wire	non noble metal	aluminium	7429-90-5	12.569	0.21	0.21	2079	2079
encapsulation	organic material	carbon black	1333-86-4	19.976	0.33		3304	
	plastics	epoxy resin	-	379.541	6.28		62771	
	inorganic material	silicondioxide	60676-86-0	1598.067	26.43	33.04	264297	330372
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	0.147	0.00		24	
	noble metal	silver	7440-22-4	0.366	0.01		61	
	non noble metal	tin	7440-31-5	0.953	0.02	0.03	158	243
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	56.84	56.92	568596	569336
*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

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