



Material Content Data Sheet



Sales Product Name		IDW75D65D1		Issued		20. July 2018		
MA#		MA001177562						
Package		PG-TO247-3-41		Weight*		6047.78 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	2.928	0.05	0.05	484	484
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	87481	87595
wire	non noble metal	aluminium	7429-90-5	15.546	0.26	0.26	2570	2570
encapsulation	organic material	carbon black	1333-86-4	19.937	0.33		3297	
	plastics	epoxy resin	-	378.798	6.26		62634	
	inorganic material	silicondioxide	60676-86-0	1594.939	26.37	32.96	263723	329654
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5270	5270
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4806	4806
solder	non noble metal	antimony	7440-36-0	0.246	0.00		41	
	noble metal	silver	7440-22-4	0.614	0.01		102	
	non noble metal	tin	7440-31-5	1.597	0.03	0.04	264	407
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	56.84	56.92	568474	569214
*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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