



## Material Content Data Sheet



<b>Sales Product Name</b>				IDK06G65C5		<b>Issued</b>		25. January 2018	
<b>MA#</b>				MA001669142					
<b>Package</b>				PG-TO263-2-1		<b>Weight*</b>		1497.53 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	non noble metal	tin	7440-31-5	0.009	0.00		6		
	noble metal	gold	7440-57-5	0.036	0.00		24		
	inorganic material	siliconcarbide	409-21-2	0.527	0.04	0.04	352	382	
leadframe	inorganic material	phosphorus	7723-14-0	0.225	0.02		150		
	non noble metal	iron	7439-89-6	0.751	0.05		501		
	non noble metal	copper	7440-50-8	749.949	50.07	50.14	500791	501442	
wire	non noble metal	aluminium	7429-90-5	0.446	0.03	0.03	298	298	
	encapsulation	organic material	carbon black	1333-86-4	1.179	0.08		787	
		plastics	epoxy resin	-	54.226	3.62		36211	
	inorganic material	silicondioxide	60676-86-0	534.013	35.66	39.36	356597	393595	
leadfinish	non noble metal	tin	7440-31-5	11.700	0.78	0.78	7813	7813	
plating	inorganic material	phosphorus	7723-14-0	0.007	0.00		4		
	non noble metal	nickel	7440-02-0	2.778	0.19	0.19	1855	1859	
heatspreader	inorganic material	phosphorus	7723-14-0	0.043	0.00		28		
	non noble metal	iron	7439-89-6	0.142	0.01		95		
	non noble metal	copper	7440-50-8	141.498	9.45	9.46	94488	94611	
*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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