



Material Content Data Sheet



Sales Product Name		IDD05SG60C		Issued		24. January 2018			
MA#		MA001690288							
Package		PG-TO252-3-311		Weight*		320.31 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	0.007	0.00		20		
	noble metal	gold	7440-57-5	0.025	0.01		79		
	inorganic material	siliconcarbide	409-21-2	1.009	0.31	0.32	3149	3248	
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		134		
	non noble metal	iron	7439-89-6	0.143	0.04		447		
	non noble metal	copper	7440-50-8	143.098	44.67	44.72	446745	447326	
wire	non noble metal	aluminium	7429-90-5	0.119	0.04	0.04	372	372	
	encapsulation	organic material	carbon black	1333-86-4	0.306	0.10		954	
		plastics	epoxy resin	-	14.061	4.39		43899	
	inorganic material	silicondioxide	60676-86-0	138.473	43.23	47.72	432305	477158	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11676	11676	
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1		
	non noble metal	nickel	7440-02-0	0.086	0.03	0.03	270	271	
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		18		
	non noble metal	iron	7439-89-6	0.019	0.01		60		
	non noble metal	copper	7440-50-8	19.177	5.99	6.00	59871	59949	
*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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