



Material Content Data Sheet



Sales Product Name		IDD10SG60C		Issued		20. July 2018			
MA#		MA000809456							
Package		PG-TO252-3-311		Weight*		312.15 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	noble metal	gold	7440-57-5	0.057	0.02		183		
	non noble metal	tin	7440-31-5	0.015	0.00		47		
	inorganic material	silicon	7440-21-3	1.816	0.58	0.60	5817	6047	
leadframe	non noble metal	iron	7439-89-6	0.143	0.05		459		
	inorganic material	phosphorus	7723-14-0	0.043	0.01		138		
	non noble metal	copper	7440-50-8	143.098	45.84	45.90	458423	459020	
wire	non noble metal	aluminium	7429-90-5	0.931	0.30	0.30	2981	2981	
	encapsulation	organic material	carbon black	1333-86-4	1.430	0.46		4580	
		plastics	epoxy resin	-	25.020	8.02		80155	
	inorganic material	silicondioxide	60676-86-0	116.524	37.33	45.81	373292	458027	
leadfinish	non noble metal	tin	7440-31-5	3.787	1.21	1.21	12131	12131	
plating	non noble metal	nickel	7440-02-0	0.086	0.03		277		
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.03	1	278	
heatspreader	non noble metal	iron	7439-89-6	0.019	0.01		62		
	inorganic material	phosphorus	7723-14-0	0.006	0.00		18		
	non noble metal	copper	7440-50-8	19.177	6.14	6.15	61436	61516	
*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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