



Material Content Data Sheet



Sales Product Name		IDD08SG60C		Issued		26. September 2017			
MA#		MA000809452							
Package		PG-TO252-3-311		Weight*		312.08 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	0.045	0.01		144		
	non noble metal	tin	7440-31-5	0.012	0.00		37		
	inorganic material	silicon	7440-21-3	1.433	0.46	0.47	4592	4773	
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	45.86	45.92	458531	459128	
wire	non noble metal	aluminium	7429-90-5	0.986	0.32	0.32	3159	3159	
	encapsulation	organic material	carbon black	1333-86-4	1.432	0.46		4590	
		plastics	epoxy resin	-	25.068	8.03		80325	
	inorganic material	silicondioxide	60676-86-0	116.744	37.41	45.90	374083	458998	
leadfinish	non noble metal	tin	7440-31-5	3.787	1.21	1.21	12134	12134	
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	61450	61530	
*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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