



Material Content Data Sheet



Sales Product Name				IDD05SG60C		Issued		27. September 2017	
MA#				MA000809446					
Package				PG-TO252-3-311		Weight*		311.85 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	0.025	0.01		81		
	non noble metal	tin	7440-31-5	0.007	0.00		21		
	inorganic material	silicon	7440-21-3	0.807	0.26	0.27	2589	2691	
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	45.89	45.95	458862	459459	
wire	non noble metal	aluminium	7429-90-5	0.118	0.04	0.04	379	379	
	encapsulation	organic material	carbon black	1333-86-4	1.445	0.46		4635	
		plastics	epoxy resin	-	25.294	8.11		81108	
	inorganic material	silicondioxide	60676-86-0	117.797	37.77	46.34	377732	463475	
leadfinish	non noble metal	tin	7440-31-5	3.787	1.21	1.21	12143	12143	
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	6.15	6.16	61495	61575	
*deviation	< 10%			Sum in total:		100.00		1000000	

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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