



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDD03SG60C	Issued	11. May 2021
MA#	MA001641560		
Package	PG-TO252-3-311	Weight*	320.17 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	0.004			11	
	noble metal	gold	7440-57-5	0.014			45	
	inorganic material	siliconcarbide	409-21-2	0.566	0.18	0.18	1769	1825
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		134	
	non noble metal	iron	7439-89-6	0.143	0.04		448	
	non noble metal	copper	7440-50-8	143.098	44.69	44.74	446947	447529
wire	non noble metal	aluminium	7429-90-5	0.148	0.05	0.05	463	463
encapsulation	organic material	carbon black	1333-86-4	0.306	0.10		957	
	plastics	epoxy resin	-	14.087	4.40		43999	
	inorganic material	silicondioxide	60676-86-0	138.729	43.33	47.83	433299	478255
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11681	11681
plating	inorganic material	phosphorus	7723-14-0	0.000			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			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	59898	59976
*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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