



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDD06SG60C	Issued	11. May 2021
MA#	MA001641578		
Package	PG-TO252-3-311	Weight*	320.52 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	0.008			24	
	noble metal	gold	7440-57-5	0.030	0.01		93	
	inorganic material	siliconcarbide	409-21-2	1.179	0.37	0.38	3677	3794
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	44.65	44.70	446459	447040
wire	non noble metal	aluminium	7429-90-5	0.592	0.18	0.18	1848	1848
encapsulation	organic material	carbon black	1333-86-4	0.305	0.10		951	
	plastics	epoxy resin	-	14.020	4.37		43743	
	inorganic material	silicondioxide	60676-86-0	138.070	43.08	47.55	430773	475467
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11669	11669
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	5.98	5.99	59833	59911
*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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