



Material Content Data Sheet



Halogen-Free

Sales Product Name	1ED3251MC12H	Issued	24. June 2021
MA#	MA005552039		
Package	PG-DSO-8-66	Weight*	285.81 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.693	0.59	0.59	5922	5922
chip_2	inorganic material	silicon	7440-21-3	2.511	0.88	0.88	8785	8785
leadframe	inorganic material	phosphorus	7723-14-0	0.026	0.01		92	
	non noble metal	zinc	7440-66-6	0.105	0.04		367	
	non noble metal	iron	7439-89-6	2.099	0.73		7344	
	non noble metal	copper	7440-50-8	85.233	29.82	30.60	298217	306020
wire	non noble metal	copper	7440-50-8	0.299	0.10	0.10	1044	1044
encapsulation	organic material	carbon black	1333-86-4	0.952	0.33		3329	
	plastics	epoxy resin	-	19.031	6.66		66587	
	inorganic material	silicondioxide	60676-86-0	170.330	59.60	66.59	595953	665869
leadfinish	non noble metal	tin	7440-31-5	1.171	0.41	0.41	4098	4098
plating	noble metal	silver	7440-22-4	0.316	0.11	0.11	1105	1105
glue	plastics	epoxy resin	-	0.511	0.18		1789	
	noble metal	silver	7440-22-4	1.534	0.54	0.72	5368	7157
*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.
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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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