



Material Content Data Sheet



Halogen-Free

Sales Product Name	1ED3122MC12H	Issued	23. June 2021
MA#	MA005430872		
Package	PG-DSO-8-66	Weight*	285.24 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	1.608	0.56	0.56	5639	5639
chip_2	inorganic material	silicon	7440-21-3	0.906	0.32	0.32	3176	3176
leadframe	inorganic material	phosphorus	7723-14-0	0.026	0.01		92	
	non noble metal	zinc	7440-66-6	0.105	0.04		368	
	non noble metal	iron	7439-89-6	2.099	0.74		7359	
	non noble metal	copper	7440-50-8	85.233	29.88	30.67	298815	306634
wire	non noble metal	copper	7440-50-8	0.193	0.07	0.07	677	677
encapsulation	organic material	carbon black	1333-86-4	0.960	0.34		3367	
	plastics	epoxy resin	-	19.207	6.73		67335	
	inorganic material	silicondioxide	60676-86-0	171.899	60.26	67.33	602651	673353
leadfinish	non noble metal	tin	7440-31-5	1.171	0.41	0.41	4106	4106
plating	noble metal	silver	7440-22-4	0.316	0.11	0.11	1107	1107
glue	plastics	epoxy resin	-	0.379	0.13		1327	
	noble metal	silver	7440-22-4	1.136	0.40	0.53	3981	5308
*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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