



Material Content Data Sheet



Halogen-Free

Sales Product Name	1ED3123MC12H	Issued	26. June 2021
MA#	MA005578263		
Package	PG-DSO-8-66	Weight*	285.67 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	2.014	0.70	0.70	7049	7049
chip_2	inorganic material	silicon	7440-21-3	2.014	0.70	0.70	7049	7049
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		7348	
	non noble metal	copper	7440-50-8	85.233	29.84	30.62	298367	306174
wire	non noble metal	copper	7440-50-8	0.193	0.07	0.07	676	676
encapsulation	organic material	carbon black	1333-86-4	0.953	0.33		3335	
	plastics	epoxy resin	-	19.053	6.67		66697	
	inorganic material	silicondioxide	60676-86-0	170.524	59.70	66.70	596936	666968
leadfinish	non noble metal	tin	7440-31-5	1.171	0.41	0.41	4100	4100
plating	noble metal	silver	7440-22-4	0.316	0.11	0.11	1105	1105
glue	plastics	epoxy resin	-	0.491	0.17		1720	
	noble metal	silver	7440-22-4	1.474	0.52	0.69	5159	6879
*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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