



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	1ED3122MC12H	<b>Issued</b>	26. June 2021
<b>MA#</b>	MA005578247		
<b>Package</b>	PG-DSO-8-66	<b>Weight*</b>	285.44 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	5635	5635
chip_2	inorganic material	silicon	7440-21-3	1.608	0.56	0.56	5635	5635
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		7354	
	non noble metal	copper	7440-50-8	85.233	29.86	30.65	298603	306417
wire	non noble metal	copper	7440-50-8	0.193	0.07	0.07	677	677
encapsulation	organic material	carbon black	1333-86-4	0.957	0.34		3352	
	plastics	epoxy resin	-	19.135	6.70		67036	
	inorganic material	silicondioxide	60676-86-0	171.257	60.00	67.04	599976	670364
leadfinish	non noble metal	tin	7440-31-5	1.171	0.41	0.41	4103	4103
plating	noble metal	silver	7440-22-4	0.316	0.11	0.11	1106	1106
glue	plastics	epoxy resin	-	0.433	0.15		1516	
	noble metal	silver	7440-22-4	1.298	0.45	0.60	4547	6063
*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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