



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	1ED3241MC12H	<b>Issued</b>	24. June 2021
<b>MA#</b>	MA005552054		
<b>Package</b>	PG-DSO-8-66	<b>Weight*</b>	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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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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