



Material Content Data Sheet



Halogen-Free

Sales Product Name	1ED3124MU12H	Issued	26. June 2021
MA#	MA005580323		
Package	PG-DSO-8-66	Weight*	285.35 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	0.71	0.71	7057	7057
chip_2	inorganic material	silicon	7440-21-3	0.906	0.32	0.32	3175	3175
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		7356	
	non noble metal	copper	7440-50-8	85.233	29.87	30.66	298697	306513
wire	non noble metal	copper	7440-50-8	0.193	0.07	0.07	677	677
encapsulation	organic material	carbon black	1333-86-4	0.958	0.34		3358	
	plastics	epoxy resin	-	19.166	6.72		67165	
	inorganic material	silicondioxide	60676-86-0	171.532	60.09	67.15	601129	671652
leadfinish	non noble metal	tin	7440-31-5	1.171	0.41	0.41	4104	4104
plating	noble metal	silver	7440-22-4	0.316	0.11	0.11	1106	1106
glue	plastics	epoxy resin	-	0.408	0.14		1429	
	noble metal	silver	7440-22-4	1.223	0.43	0.57	4287	5716
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com