

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1ED3330MC12M	**Issued**	20. July 2025
MA#	MA006123608		
Package	PG-DSO-16-33	**Weight***	293.08 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	0.990	0.338	0.338	3377	3377
chip_2	inorganic material	silicon	7440-21-3	1.120	0.382	0.382	3823	3823
leadframe	inorganic material	phosphorus	7723-14-0	0.029	0.010	32.813	98	328129
	non noble metal	zinc	7440-66-6	0.115	0.039		394	
	non noble metal	iron	7439-89-6	2.308	0.788		7875	
	non noble metal	copper	7440-50-8	93.715	31.976		319762	
wire	non noble metal	copper	7440-50-8	0.397	0.136	0.136	1356	1356
encapsulation	organic material	carbon black	1333-86-4	0.952	0.325	64.976	3249	649760
	plastics	epoxy resin	-	19.043	6.498		64976	
	inorganic material	silicondioxide	60676-86-0	170.434	58.153		581535	
leadfinish	non noble metal	tin	7440-31-5	2.170	0.740	0.740	7403	7403
plating	noble metal	silver	7440-22-4	0.383	0.131	0.131	1308	1308
glue	organic material	ethene, 1,1,2,2-tetrafluoro-	925918-64-5	0.001	< 0.001	0.484	5	4844
	inorganic material	copperoxide	1317-38-0	0.035	0.012		121	
	miscellaneous	miscellaneous	-	0.043	0.015		145	
	plastics	epoxy resin	-	0.247	0.084		843	
	noble metal	silver	7440-22-4	1.093	0.373		3730	
*deviation	< 10%				Sum in total:	100.000		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.

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