

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1ED3491MU12M	**Issued**	16. May 2021
MA#	MA005405882		
Package	PG-DSO-16-28	**Weight***	303.60 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	3.598	1.19	1.19	11851	11851
chip_2	inorganic material	silicon	7440-21-3	2.307	0.76	0.76	7599	7599
leadframe	inorganic material	phosphorus	7723-14-0	0.031	0.01		101	
	non noble metal	zinc	7440-66-6	0.123	0.04		406	
	non noble metal	iron	7439-89-6	2.465	0.81		8120	
	non noble metal	copper	7440-50-8	100.099	32.97	33.83	329703	338330
wire	noble metal	gold	7440-57-5	0.686	0.23	0.23	2261	2261
encapsulation	organic material	carbon black	1333-86-4	0.946	0.31		3116	
	plastics	epoxy resin	-	18.918	6.23		62312	
	inorganic material	silicondioxide	60676-86-0	169.317	55.77	62.31	557691	623119
leadfinish	non noble metal	tin	7440-31-5	2.170	0.71	0.71	7148	7148
plating	noble metal	silver	7440-22-4	0.489	0.16	0.16	1611	1611
glue	plastics	epoxy resin	-	0.613	0.20		2020	
	noble metal	silver	7440-22-4	1.840	0.61	0.81	6061	8081
*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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