

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1ED3125MU12F	**Issued**	17. May 2021
MA#	MA005420605		
Package	PG-DSO-8-72	**Weight***	82.42 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	0.906	1.10	1.10	10991	10991
chip_2	inorganic material	silicon	7440-21-3	1.608	1.95	1.95	19515	19515
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		101	
	non noble metal	zinc	7440-66-6	0.033	0.04		404	
	non noble metal	iron	7439-89-6	0.666	0.81		8078	
	non noble metal	copper	7440-50-8	27.033	32.80	33.66	327990	336573
wire	non noble metal	copper	7440-50-8	0.166	0.20	0.20	2015	2015
encapsulation	organic material	carbon black	1333-86-4	0.149	0.18		1810	
	plastics	epoxy resin	-	4.823	5.85		58519	
	inorganic material	silicondioxide	60676-86-0	44.750	54.30	60.33	542958	603287
leadfinish	non noble metal	tin	7440-31-5	0.876	1.06	1.06	10627	10627
plating	noble metal	silver	7440-22-4	0.046	0.06	0.06	555	555
glue	plastics	acrylic resin	-	0.298	0.36		3616	
	noble metal	silver	7440-22-4	1.057	1.28	1.64	12821	16437
*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.

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