

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDN7512B	**Issued**	17. February 2022
MA#	MA005619571		
Package	PG-SOT23-5-1	**Weight***	16.45 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	1.383	8.41	8.41	84054	84054
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		104	
	non noble metal	zinc	7440-66-6	0.007	0.04		416	
	non noble metal	iron	7439-89-6	0.137	0.83		8319	
	non noble metal	copper	7440-50-8	5.557	33.79	34.67	337797	346636
wires	noble metal	palladium	7440-05-3	0.001			40	
	non noble metal	copper	7440-50-8	0.065	0.39	0.39	3934	3974
encapsulation	organic material	carbon black	1333-86-4	0.012	0.08		758	
	plastics	epoxy resin	-	0.954	5.80		58002	
	inorganic material	silicondioxide	60676-86-0	5.269	32.03	37.91	320336	379096
leadfinish	non noble metal	tin	7440-31-5	0.263	1.60	1.60	16007	16007
plating	noble metal	silver	7440-22-4	0.031	0.19	0.19	1880	1880
glue	plastics	acrylic resin	-	0.609	3.70		37038	
	noble metal	silver	7440-22-4	2.160	13.13	16.83	131315	168353
*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.

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