



Material Content Data Sheet



Halogen-Free

Sales Product Name	1ED44175N01B	Issued	12. July 2021
MA#	MA005401331		
Package	PG-SOT23-6-3	Weight*	18.54 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	0.416	2.24	2.24	22449	22449
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		118	
	non noble metal	zinc	7440-66-6	0.009	0.05		471	
	non noble metal	iron	7439-89-6	0.175	0.94		9427	
	non noble metal	copper	7440-50-8	7.097	38.28	39.28	382793	392809
wires	noble metal	palladium	7440-05-3	0.000			23	
	non noble metal	copper	7440-50-8	0.041	0.22	0.22	2238	2261
encapsulation	organic material	carbon black	1333-86-4	0.020	0.11		1066	
	plastics	epoxy resin	-	1.513	8.16		81585	
	inorganic material	silicondioxide	60676-86-0	8.354	45.07	53.34	450586	533237
leadfinish	non noble metal	tin	7440-31-5	0.465	2.51	2.51	25071	25071
plating	noble metal	silver	7440-22-4	0.175	0.94	0.94	9419	9419
glue	plastics	acrylic resin	-	0.060	0.32		3246	
	noble metal	silver	7440-22-4	0.213	1.15	1.47	11508	14754
*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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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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