



Material Content Data Sheet



Halogen-Free

Sales Product Name	1ED44173N01B	Issued	12. July 2021
MA#	MA005405198		
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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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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