

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDN8511B	**Issued**	17. February 2022
MA#	MA005620829		
Package	PG-SOT23-6-2	**Weight***	18.60 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	7.43	7.43	74346	74346
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		117	
	non noble metal	zinc	7440-66-6	0.009	0.05		470	
	non noble metal	iron	7439-89-6	0.175	0.94		9398	
	non noble metal	copper	7440-50-8	7.097	38.16	39.16	381598	391583
wire	noble metal	gold	7440-57-5	0.082	0.44	0.44	4416	4416
encapsulation	organic material	carbon black	1333-86-4	0.018	0.10		991	
	plastics	epoxy resin	-	1.409	7.58		75789	
	inorganic material	silicondioxide	60676-86-0	7.784	41.85	49.53	418569	495349
leadfinish	non noble metal	tin	7440-31-5	0.465	2.50	2.50	24993	24993
plating	noble metal	silver	7440-22-4	0.167	0.90	0.90	8983	8983
tape	plastics	epoxy resin	-	0.003	0.02		165	
	inorganic material	silicondioxide	60676-86-0	0.003	0.02	0.04	165	330
*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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