

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4254EJ A	**Issued**	12. August 2021
MA#	MA005597289		
Package	PG-DSO-8-27	**Weight***	84.18 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	1.779	2.11	2.11	21130	21130
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		432	
	non noble metal	iron	7439-89-6	0.728	0.86		8645	
	non noble metal	copper	7440-50-8	29.548	35.10	36.01	351025	360210
wire	noble metal	gold	7440-57-5	0.110	0.13	0.13	1310	1310
encapsulation	organic material	carbon black	1333-86-4	0.099	0.12		1173	
	plastics	epoxy resin	-	4.543	5.40		53973	
	inorganic material	silicondioxide	60676-86-0	44.740	53.15	58.67	531512	586658
leadfinish	non noble metal	tin	7440-31-5	0.695	0.83	0.83	8258	8258
plating	noble metal	silver	7440-22-4	0.725	0.86	0.86	8607	8607
glue	plastics	epoxy resin	-	0.291	0.35		3457	
	noble metal	silver	7440-22-4	0.873	1.04	1.39	10370	13827
*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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