

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ILD8150E	**Issued**	26. July 2021
MA#	MA003703742		
Package	PG-DSO-8-27	**Weight***	83.92 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	1.113	1.33	1.33	13265	13265
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		434	
	non noble metal	iron	7439-89-6	0.728	0.87		8671	
	non noble metal	copper	7440-50-8	29.548	35.21	36.13	352087	361300
wire	noble metal	gold	7440-57-5	0.244	0.29	0.29	2910	2910
encapsulation	organic material	carbon black	1333-86-4	0.101	0.12		1199	
	plastics	epoxy resin	-	4.630	5.52		55176	
	inorganic material	silicondioxide	60676-86-0	45.600	54.33	59.97	543365	599740
leadfinish	non noble metal	tin	7440-31-5	0.695	0.83	0.83	8283	8283
plating	noble metal	silver	7440-22-4	0.725	0.86	0.86	8633	8633
glue	plastics	epoxy resin	-	0.123	0.15		1467	
	noble metal	silver	7440-22-4	0.369	0.44	0.59	4402	5869
*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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