

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDR3147HQE	**Issued**	17. July 2025
MA#	MA006103566		
Package	PG-LDSO-8-1	**Weight***	150.42 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.657	0.437	0.437	4369	4369
chip_2	inorganic material	silicon	7440-21-3	0.906	0.602	0.602	6022	6022
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.009	29.817	89	298167
	non noble metal	zinc	7440-66-6	0.054	0.036		358	
	non noble metal	iron	7439-89-6	1.076	0.716		7156	
	non noble metal	copper	7440-50-8	43.707	29.056		290564	
wire	non noble metal	copper	7440-50-8	0.202	0.134	0.134	1344	1344
encapsulation	organic material	carbon black	1333-86-4	0.507	0.337	67.419	3371	674188
	inorganic material	amorphous silica	7631-86-9	4.564	3.034		30338	
	plastics	phenol resin	-	5.071	3.371		33709	
	plastics	epoxy resin	29690-82-2	5.071	3.371		33709	
	plastics	epoxy resin	-	5.071	3.371		33709	
	inorganic material	silicondioxide	60676-86-0	81.130	53.935		539351	
leadfinish	non noble metal	tin	7440-31-5	0.922	0.613	0.613	6129	6129
plating	noble metal	silver	7440-22-4	0.267	0.177	0.177	1773	1773
glue	organic material	ethene, 1,1,2,2-tetrafluoro-	925918-64-5	0.001	0.001	0.801	8	8007
	inorganic material	copperoxide	1317-38-0	0.030	0.020		200	
	miscellaneous	miscellaneous	-	0.036	0.024		240	
	plastics	epoxy resin	-	0.210	0.139		1393	
	noble metal	silver	7440-22-4	0.927	0.617		6165	
*deviation	< 10%				Sum in total:	100.000		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 End-of-Life Vehicle (ELV) Directive 2000/53/EG and the ELV Annex II (2016/774/EU) and does not use any exemption.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com