

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2EDS8165H	**Issued**	27. April 2022
MA#	MA005736171		
Package	PG-DSO-16-30	**Weight***	455.12 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	1.097	0.24	0.24	2410	2410
chip_2	inorganic material	silicon	7440-21-3	0.564	0.12	0.12	1240	1240
chip_3	inorganic material	silicon	7440-21-3	0.564	0.12	0.12	1240	1240
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		85	
	non noble metal	zinc	7440-66-6	0.154	0.03		339	
	non noble metal	iron	7439-89-6	3.089	0.68		6788	
	non noble metal	copper	7440-50-8	125.441	27.56	28.28	275622	282834
wire	non noble metal	copper	7440-50-8	0.392	0.09	0.09	862	862
encapsulation	organic material	carbon black	1333-86-4	1.596	0.35		3507	
	plastics	epoxy resin	-	31.918	7.01		70132	
	inorganic material	silicondioxide	60676-86-0	285.671	62.77	70.13	627683	701322
leadfinish	non noble metal	tin	7440-31-5	2.399	0.53	0.53	5270	5270
plating	noble metal	silver	7440-22-4	0.441	0.10	0.10	970	970
glue	inorganic material	copperoxide	1317-38-0	0.044	0.01		96	
	miscellaneous	miscellaneous	-	0.053	0.01		116	
	plastics	epoxy resin	-	0.307	0.07		674	
	noble metal	silver	7440-22-4	1.350	0.30	0.39	2966	3852
*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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