



Material Content Data Sheet



Halogen-Free

Sales Product Name	2EDS8165H	Issued	12. August 2021
MA#	MA005613044		
Package	PG-DSO-16-30	Weight*	455.47 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	2408	2408
chip_2	inorganic material	silicon	7440-21-3	1.097	0.24	0.24	2408	2408
chip_3	inorganic material	silicon	7440-21-3	1.097	0.24	0.24	2408	2408
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		6783	
	non noble metal	copper	7440-50-8	125.441	27.54	28.26	275408	282615
wire	non noble metal	copper	7440-50-8	0.392	0.09	0.09	861	861
encapsulation	organic material	carbon black	1333-86-4	1.590	0.35		3491	
	plastics	epoxy resin	-	31.804	6.98		69827	
	inorganic material	silicondioxide	60676-86-0	284.650	62.49	69.82	624954	698272
leadfinish	non noble metal	tin	7440-31-5	2.399	0.53	0.53	5266	5266
plating	noble metal	silver	7440-22-4	0.441	0.10	0.10	969	969
glue	plastics	epoxy resin	-	0.546	0.12		1198	
	noble metal	silver	7440-22-4	1.638	0.36	0.48	3595	4793
*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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