



Material Content Data Sheet



Halogen-Free

Sales Product Name	1EDS5663H	Issued	12. July 2021
MA#	MA005551295		
Package	PG-DSO-16-30	Weight*	455.83 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	2406	2406
chip_2	inorganic material	silicon	7440-21-3	1.097	0.24	0.24	2406	2406
chip_3	inorganic material	silicon	7440-21-3	1.097	0.24	0.24	2406	2406
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		6778	
	non noble metal	copper	7440-50-8	125.441	27.52	28.24	275196	282398
wire	non noble metal	copper	7440-50-8	0.400	0.09	0.09	877	877
encapsulation	organic material	carbon black	1333-86-4	1.588	0.35		3484	
	plastics	epoxy resin	-	31.766	6.97		69689	
	inorganic material	silicondioxide	60676-86-0	284.306	62.36	69.68	623717	696890
leadfinish	non noble metal	tin	7440-31-5	2.399	0.53	0.53	5262	5262
plating	noble metal	silver	7440-22-4	0.441	0.10	0.10	968	968
glue	plastics	epoxy resin	-	0.728	0.16		1597	
	noble metal	silver	7440-22-4	2.183	0.48	0.64	4790	6387
*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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