



Material Content Data Sheet



Sales Product Name		2EDS8165H		Issued		1. August 2018		
MA#		MA002936774						
Package		PG-DSO-16-30		Weight*		454.94 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	0.564	0.12	0.12	1241	1241
chip_2	inorganic material	silicon	7440-21-3	0.564	0.12	0.12	1241	1241
chip_3	inorganic material	silicon	7440-21-3	0.564	0.12	0.12	1241	1241
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		85	
	non noble metal	zinc	7440-66-6	0.154	0.03		340	
	non noble metal	iron	7439-89-6	3.089	0.68		6791	
wire	non noble metal	copper	7440-50-8	125.441	27.57	28.29	275729	282945
	non noble metal	copper	7440-50-8	0.392	0.09	0.09	862	862
	organic material	carbon black	1333-86-4	1.599	0.35		3514	
encapsulation	plastics	epoxy resin	-	31.976	7.03		70285	
	inorganic material	silicondioxide	60676-86-0	286.181	62.92	70.30	629048	702847
leadfinish	non noble metal	tin	7440-31-5	2.399	0.53	0.53	5272	5272
plating	noble metal	silver	7440-22-4	0.441	0.10	0.10	970	970
glue	plastics	epoxy resin	-	0.385	0.08		845	
	noble metal	silver	7440-22-4	1.154	0.25	0.33	2536	3381
*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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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

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