



Material Content Data Sheet



Sales Product Name		BSZ15DC02KD H		Issued		22. January 2018			
MA#		MA001193964							
Package		PG-TSDSON-8-31		Weight*		32.56 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	non noble metal	tin	7440-31-5	0.009	0.03		271		
	inorganic material	silicon	7440-21-3	0.283	0.87		8701		
	noble metal	gold	7440-57-5	0.034	0.11	1.01	1051	10023	
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		90		
	non noble metal	zinc	7440-66-6	0.012	0.04		362		
	non noble metal	copper	7440-50-8	9.561	29.36		293627		
	non noble metal	iron	7439-89-6	0.235	0.72	30.13	7231	301310	
wire	non noble metal	copper	7440-50-8	0.154	0.47	0.47	4730	4730	
	encapsulation	plastics	epoxy resin	-	2.002	6.15	61490		
		inorganic material	silicondioxide	60676-86-0	17.398	53.43	534303		
		organic material	carbon black	1333-86-4	0.039	0.12	59.70	1194	596987
leadfinish	non noble metal	tin	7440-31-5	0.375	1.15	1.15	11516	11516	
plating	noble metal	silver	7440-22-4	0.476	1.46	1.46	14613	14613	
heatspreader	non noble metal	iron	7439-89-6	0.002	0.01		61		
		inorganic material	phosphorus	7723-14-0	0.001	0.00	18		
		non noble metal	copper	7440-50-8	1.978	6.07	6.08	60742	60821
*deviation	< 10%		Sum in total:			100.00		1000000	

Important Remarks:

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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