

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSZ0909ND	**Issued**	11. May 2021
MA#	MA001645492		
Package	PG-WISON-8-1	**Weight***	23.02 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	0.007	0.03		319	
	noble metal	gold	7440-57-5	0.028	0.12		1235	
	inorganic material	silicon	7440-21-3	0.149	0.65	0.80	6461	8015
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		125	
	non noble metal	zinc	7440-66-6	0.012	0.05		500	
	non noble metal	iron	7439-89-6	0.230	1.00		10007	
	non noble metal	copper	7440-50-8	9.354	40.63	41.69	406320	416952
wire	non noble metal	copper	7440-50-8	0.224	0.97	0.97	9736	9736
encapsulation	organic material	carbon black	1333-86-4	0.025	0.11		1093	
	plastics	epoxy resin	-	1.296	5.63		56274	
	inorganic material	silicondioxide	60676-86-0	11.258	48.91	54.65	488982	546349
leadfinish	non noble metal	tin	7440-31-5	0.360	1.56	1.56	15645	15645
plating	noble metal	silver	7440-22-4	0.076	0.33	0.33	3303	3303
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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