

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSZ096N10LS5	**Issued**	03. June 2021
MA#	MA005423151		
Package	PG-TSDSON-8-36	**Weight***	35.69 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.629	1.76	1.76	17625	17625
leadframe	inorganic material	phosphorus	7723-14-0	0.004	0.01		103	
	non noble metal	zinc	7440-66-6	0.015	0.04		411	
	non noble metal	iron	7439-89-6	0.293	0.82		8213	
	non noble metal	copper	7440-50-8	11.903	33.35	34.22	333483	342210
wire	noble metal	gold	7440-57-5	0.028	0.08	0.08	785	785
encapsulation	organic material	carbon black	1333-86-4	0.035	0.10		969	
	plastics	epoxy resin	-	1.590	4.46		44557	
	inorganic material	silicondioxide	60676-86-0	15.662	43.88	48.44	438788	484314
leadfinish	non noble metal	tin	7440-31-5	0.420	1.18	1.18	11780	11780
plating	noble metal	silver	7440-22-4	0.003	0.01	0.01	88	88
solder	noble metal	silver	7440-22-4	0.023	0.06		643	
	non noble metal	tin	7440-31-5	0.046	0.13		1285	
	non noble metal	lead	7439-92-1	0.849	2.38	2.57	23779	25707
heat sink clip	inorganic material	phosphorus	7723-14-0	0.001			35	
	non noble metal	zinc	7440-66-6	0.005	0.01		141	
	non noble metal	iron	7439-89-6	0.101	0.28		2820	
	non noble metal	copper	7440-50-8	4.087	11.45	11.74	114495	117491
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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