

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSZ0994NS	**Issued**	23. June 2021
MA#	MA005432569		
Package	PG-TSDSON-8-35	**Weight***	34.32 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	0.194	0.57	0.57	5656	5656
leadframe	inorganic material	phosphorus	7723-14-0	0.004	0.01		107	
	non noble metal	zinc	7440-66-6	0.015	0.04		427	
	non noble metal	iron	7439-89-6	0.293	0.85		8542	
	non noble metal	copper	7440-50-8	11.903	34.68	35.58	346834	355910
wire	noble metal	gold	7440-57-5	0.030	0.09	0.09	884	884
encapsulation	organic material	carbon black	1333-86-4	0.036	0.10		1050	
	plastics	epoxy resin	-	1.658	4.83		48310	
	inorganic material	silicondioxide	60676-86-0	16.328	47.58	52.51	475754	525114
leadfinish	non noble metal	tin	7440-31-5	0.420	1.23	1.23	12251	12251
plating	noble metal	silver	7440-22-4	0.003	0.01	0.01	92	92
solder	noble metal	silver	7440-22-4	0.008	0.02		237	
	non noble metal	tin	7440-31-5	0.016	0.05		474	
	non noble metal	lead	7439-92-1	0.301	0.88	0.95	8770	9481
heat sink clip	inorganic material	phosphorus	7723-14-0	0.001			27	
	non noble metal	zinc	7440-66-6	0.004	0.01		109	
	non noble metal	iron	7439-89-6	0.075	0.22		2175	
	non noble metal	copper	7440-50-8	3.030	8.83	9.06	88301	90612
*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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