

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSZ146N10LS5	**Issued**	08. April 2022
MA#	MA001458678		
Package	PG-TSDSON-8-26	**Weight***	36.53 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	0.438	1.20	1.20	12002	12002
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		67	
	non noble metal	zinc	7440-66-6	0.010	0.03		269	
	non noble metal	iron	7439-89-6	0.197	0.54		5386	
	non noble metal	copper	7440-50-8	7.988	21.87	22.45	218683	224405
wire	noble metal	gold	7440-57-5	0.028	0.08	0.08	757	757
encapsulation	organic material	carbon black	1333-86-4	0.037	0.10		1020	
	plastics	epoxy resin	-	1.919	5.25		52533	
	inorganic material	silicondioxide	60676-86-0	16.675	45.63	50.98	456479	510032
leadfinish	non noble metal	tin	7440-31-5	0.395	1.08	1.08	10821	10821
plating	noble metal	silver	7440-22-4	0.020	0.06	0.06	556	556
solder	non noble metal	tin	7440-31-5	0.014	0.04		374	
	noble metal	silver	7440-22-4	0.017	0.05		468	
	non noble metal	lead	7439-92-1	0.653	1.79	1.88	17865	18707
heat sink clip	inorganic material	phosphorus	7723-14-0	0.001			35	
	non noble metal	zinc	7440-66-6	0.005	0.01		139	
	non noble metal	iron	7439-89-6	0.101	0.28		2773	
	non noble metal	copper	7440-50-8	4.112	11.26	11.55	112578	115525
heatspreader	inorganic material	phosphorus	7723-14-0	0.001			32	
	non noble metal	zinc	7440-66-6	0.005	0.01		129	
	non noble metal	iron	7439-89-6	0.094	0.26		2573	
	non noble metal	copper	7440-50-8	3.816	10.45	10.72	104461	107195
*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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