

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSZ068N06NS	**Issued**	4. February 2020
MA#	MA005122364		
Package	PG-TSDSON-8-26	**Weight***	36.46 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	0.386	1.06	1.06	10586	10586
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		67	
	non noble metal	zinc	7440-66-6	0.010	0.03		270	
	non noble metal	iron	7439-89-6	0.197	0.54		5395	
	non noble metal	copper	7440-50-8	7.988	21.91	22.49	219078	224810
wire	noble metal	gold	7440-57-5	0.028	0.08	0.08	762	762
encapsulation	organic material	carbon black	1333-86-4	0.037	0.10		1025	
	plastics	epoxy resin	-	1.925	5.28		52793	
	inorganic material	silicondioxide	60676-86-0	16.727	45.88	51.26	458735	512553
leadfinish	non noble metal	tin	7440-31-5	0.395	1.08	1.08	10840	10840
plating	noble metal	silver	7440-22-4	0.020	0.06	0.06	557	557
solder	non noble metal	tin	7440-31-5	0.012	0.03		335	
	noble metal	silver	7440-22-4	0.015	0.04		419	
	non noble metal	lead	7439-92-1	0.584	1.60	1.67	16017	16771
heat sink clip	inorganic material	phosphorus	7723-14-0	0.001	0.00		35	
	non noble metal	zinc	7440-66-6	0.005	0.01		139	
	non noble metal	iron	7439-89-6	0.101	0.28		2778	
	non noble metal	copper	7440-50-8	4.112	11.28	11.57	112781	115733
heatspreader	inorganic material	phosphorus	7723-14-0	0.001	0.00		32	
	non noble metal	zinc	7440-66-6	0.005	0.01		129	
	non noble metal	iron	7439-89-6	0.094	0.26		2577	
	non noble metal	copper	7440-50-8	3.816	10.46	10.73	104650	107388
*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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