

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSZ0602LS	**Issued**	08. April 2022
MA#	MA005711741		
Package	PG-TSDSON-8-26	**Weight***	36.76 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	1.71	1.71	17112	17112
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		67	
	non noble metal	zinc	7440-66-6	0.010	0.03		268	
	non noble metal	iron	7439-89-6	0.197	0.54		5351	
	non noble metal	copper	7440-50-8	7.988	21.73	22.31	217292	222978
wire	noble metal	gold	7440-57-5	0.028	0.08	0.08	769	769
encapsulation	organic material	carbon black	1333-86-4	0.037	0.10		1002	
	plastics	epoxy resin	-	1.897	5.16		51609	
	inorganic material	silicondioxide	60676-86-0	16.486	44.83	50.09	448443	501054
leadfinish	non noble metal	tin	7440-31-5	0.395	1.08	1.08	10752	10752
plating	noble metal	silver	7440-22-4	0.020	0.06	0.06	553	553
solder	non noble metal	tin	7440-31-5	0.019	0.05		510	
	noble metal	silver	7440-22-4	0.023	0.06		637	
	non noble metal	lead	7439-92-1	0.895	2.43	2.54	24333	25480
heat sink clip	inorganic material	phosphorus	7723-14-0	0.001			34	
	non noble metal	zinc	7440-66-6	0.005	0.01		138	
	non noble metal	iron	7439-89-6	0.101	0.28		2755	
	non noble metal	copper	7440-50-8	4.112	11.19	11.48	111862	114789
heatspreader	inorganic material	phosphorus	7723-14-0	0.001			32	
	non noble metal	zinc	7440-66-6	0.005	0.01		128	
	non noble metal	iron	7439-89-6	0.094	0.26		2556	
	non noble metal	copper	7440-50-8	3.816	10.38	10.65	103797	106513
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com

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