



Material Content Data Sheet



Halogen-Free

Sales Product Name	BSZ034N04LS	Issued	14. February 2022
MA#	MA005625335		
Package	PG-TSDSON-8-36	Weight*	32.25 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	0.447	1.39	1.39	13872	13872
leadframe	inorganic material	phosphorus	7723-14-0	0.004	0.01		114	
	non noble metal	zinc	7440-66-6	0.015	0.05		455	
	non noble metal	iron	7439-89-6	0.293	0.91		9091	
	non noble metal	copper	7440-50-8	11.903	36.91	37.88	369113	378773
wire	noble metal	gold	7440-57-5	0.028	0.09	0.09	869	869
encapsulation	organic material	carbon black	1333-86-4	0.037	0.11		1144	
	plastics	epoxy resin	-	1.698	5.26		52643	
	inorganic material	silicondioxide	60676-86-0	16.718	51.84	57.21	518417	572204
leadfinish	non noble metal	tin	7440-31-5	0.420	1.30	1.30	13038	13038
plating	noble metal	silver	7440-22-4	0.003	0.01	0.01	98	98
solder	noble metal	silver	7440-22-4	0.017	0.05		529	
	non noble metal	tin	7440-31-5	0.034	0.11		1057	
	non noble metal	lead	7439-92-1	0.631	1.96	2.12	19560	21146
*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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