

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSC034N03LS G	**Issued**	02. June 2021
MA#	MA001705614		
Package	PG-TDSON-8-40	**Weight***	112.18 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	1.559	1.39	1.39	13894	13894
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		130	
	non noble metal	iron	7439-89-6	0.049	0.04		434	
	non noble metal	copper	7440-50-8	48.649	43.38	43.43	433658	434222
wire	non noble metal	copper	7440-50-8	0.046	0.04	0.04	410	410
encapsulation	organic material	carbon black	1333-86-4	0.083	0.07		741	
	plastics	epoxy resin	-	6.568	5.85		58544	
	inorganic material	silicondioxide	60676-86-0	34.917	31.12	37.04	311248	370533
leadfinish	non noble metal	tin	7440-31-5	1.520	1.36	1.36	13550	13550
plating	noble metal	silver	7440-22-4	0.158	0.14	0.14	1412	1412
solder	non noble metal	tin	7440-31-5	0.034	0.03		301	
	noble metal	silver	7440-22-4	0.042	0.04		376	
	non noble metal	lead	7439-92-1	1.612	1.44	1.51	14370	15047
heat sink CLIP	inorganic material	phosphorus	7723-14-0	0.005			45	
	non noble metal	iron	7439-89-6	0.017	0.02		151	
	non noble metal	copper	7440-50-8	16.910	15.07	15.09	150736	150932
*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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