

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSC090N03LS G	**Issued**	15. May 2021
MA#	MA004890232		
Package	PG-TDSON-8-40	**Weight***	98.35 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	0.743	0.76	0.76	7559	7559
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		149	
	non noble metal	iron	7439-89-6	0.049	0.05		495	
	non noble metal	copper	7440-50-8	48.649	49.46	49.52	494640	495284
wire	non noble metal	copper	7440-50-8	0.059	0.06	0.06	599	599
encapsulation	organic material	carbon black	1333-86-4	0.092	0.09		937	
	plastics	epoxy resin	-	7.283	7.40		74045	
	inorganic material	silicondioxide	60676-86-0	38.717	39.37	46.86	393656	468638
leadfinish	non noble metal	tin	7440-31-5	1.520	1.55	1.55	15455	15455
plating	noble metal	silver	7440-22-4	0.158	0.16	0.16	1611	1611
solder	non noble metal	tin	7440-31-5	0.021	0.02		217	
	noble metal	silver	7440-22-4	0.027	0.03		271	
	non noble metal	lead	7439-92-1	1.019	1.04	1.09	10366	10854
*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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