

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSC120N03LS G	**Issued**	31. January 2019
MA#	MA004890164		
Package	PG-TDSON-8-40	**Weight***	98.25 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	0.614	0.62	0.62	6246	6246
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		149	
	non noble metal	iron	7439-89-6	0.049	0.05		496	
	non noble metal	copper	7440-50-8	48.649	49.53	49.59	495139	495784
wire	non noble metal	copper	7440-50-8	0.055	0.06	0.06	564	564
encapsulation	organic material	carbon black	1333-86-4	0.092	0.09		941	
	plastics	epoxy resin	-	7.302	7.43		74322	
	inorganic material	silicondioxide	60676-86-0	38.823	39.51	47.03	395128	470391
leadfinish	non noble metal	tin	7440-31-5	1.520	1.55	1.55	15470	15470
plating	noble metal	silver	7440-22-4	0.158	0.16	0.16	1613	1613
solder	non noble metal	tin	7440-31-5	0.020	0.02		199	
	noble metal	silver	7440-22-4	0.024	0.02		248	
	non noble metal	lead	7439-92-1	0.932	0.95	0.99	9485	9932
*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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