



Material Content Data Sheet



Sales Product Name	BSC340N08NS3 G			Issued		11. November 2019			
MA#	MA001508166								
Package	PG-TDSON-8-40			Weight*		111.62 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	0.830	0.74	0.74	7435	7435	
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		131		
	non noble metal	iron	7439-89-6	0.049	0.04		436		
	non noble metal	copper	7440-50-8	48.649	43.60	43.65	435858	436425	
wire	non noble metal	copper	7440-50-8	0.061	0.05	0.05	547	547	
encapsulation	organic material	carbon black	1333-86-4	0.085	0.08		757		
	plastics	epoxy resin	-	6.679	5.98		59842		
	inorganic material	silicondioxide	60676-86-0	35.511	31.81	37.87	318149	378748	
leadfinish	non noble metal	tin	7440-31-5	1.520	1.36	1.36	13618	13618	
plating	noble metal	silver	7440-22-4	0.158	0.14	0.14	1420	1420	
solder	non noble metal	tin	7440-31-5	0.023	0.02		202		
	noble metal	silver	7440-22-4	0.028	0.03		253		
	non noble metal	lead	7439-92-1	1.078	0.97	1.02	9654	10109	
heat sink clip	inorganic material	phosphorus	7723-14-0	0.005	0.00		46		
	non noble metal	iron	7439-89-6	0.017	0.02		152		
	non noble metal	copper	7440-50-8	16.910	15.15	15.17	151500	151698	
*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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