



Material Content Data Sheet



Sales Product Name		BSZ100N06LS3 G		Issued		20. July 2018		
MA#		MA001255840						
Package		PG-TSDSON-8-2		Weight*		39.83 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	1.296	3.25	3.25	32540	32540
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		53	
	non noble metal	zinc	7440-66-6	0.008	0.02		210	
	non noble metal	iron	7439-89-6	0.168	0.42		4210	
wire	non noble metal	copper	7440-50-8	6.808	17.09	17.54	170930	175403
	non noble metal	copper	7440-50-8	0.036	0.09	0.09	898	898
	organic material	carbon black	1333-86-4	0.038	0.09		945	
encapsulation	plastics	epoxy resin	-	1.937	4.86		48646	
	inorganic material	silicondioxide	60676-86-0	16.835	42.30	47.25	422696	472287
leadfinish	non noble metal	tin	7440-31-5	0.387	0.97	0.97	9721	9721
plating	noble metal	silver	7440-22-4	0.963	2.42	2.42	24169	24169
solder	noble metal	silver	7440-22-4	0.037	0.09		923	
	non noble metal	tin	7440-31-5	0.029	0.07		738	
	non noble metal	lead	7439-92-1	1.404	3.52	3.68	35243	36904
heatspreader	inorganic material	phosphorus	7723-14-0	0.001	0.00		27	
	non noble metal	zinc	7440-66-6	0.004	0.01		108	
	non noble metal	iron	7439-89-6	0.086	0.22		2165	
	non noble metal	copper	7440-50-8	3.501	8.79	9.02	87909	90209
heat sink CLIP	inorganic material	phosphorus	7723-14-0	0.002	0.00		47	
	non noble metal	zinc	7440-66-6	0.008	0.02		189	
	non noble metal	iron	7439-89-6	0.151	0.38		3789	
	non noble metal	copper	7440-50-8	6.127	15.38	15.78	153844	157869
*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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