



Material Content Data Sheet



Sales Product Name		BSZ050N03MS G		Issued		29. August 2013		
MA#		MA000896758						
Package		PG-TSDSON-8-22		Weight*		36.53 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	1.213	3.32	3.32	33190	33190
leadframe	inorganic material	phosphorus	7723-14-0	0.004	0.01		97	
	non noble metal	zinc	7440-66-6	0.014	0.04		388	
	non noble metal	iron	7439-89-6	0.283	0.78		7756	
wire	non noble metal	copper	7440-50-8	11.505	31.49	32.32	314923	323164
	noble metal	gold	7440-57-5	0.187	0.51	0.51	5130	5130
	encapsulation	organic material	carbon black	1333-86-4	0.036	0.10		998
plastics		epoxy resin	-	1.878	5.14		51396	
	inorganic material	silicondioxide	60676-86-0	16.315	44.67	49.91	446602	498996
leadfinish	non noble metal	tin	7440-31-5	0.370	1.01	1.01	10130	10130
plating	noble metal	silver	7440-22-4	0.081	0.22	0.22	2212	2212
solder	non noble metal	tin	7440-31-5	0.069	0.19		1890	
	non noble metal	lead	7439-92-1	1.312	3.59	3.78	35914	37804
heat sink CLIP	inorganic material	phosphorus	7723-14-0	0.001	0.00		27	
	non noble metal	zinc	7440-66-6	0.004	0.01		107	
	non noble metal	iron	7439-89-6	0.078	0.21		2145	
	non noble metal	copper	7440-50-8	3.182	8.71	8.93	87095	89374
*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.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com