



Material Content Data Sheet



Sales Product Name	BSC072N08NS5			Issued	14. September 2018			
MA#	MA001820040							
Package	PG-TDSON-8-6			Weight*	100.84 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	0.629	0.62	0.62	6239	6239
leadframe	inorganic material	phosphorus	7723-14-0	0.011	0.01		112	
	non noble metal	iron	7439-89-6	0.038	0.04		375	
wire	non noble metal	copper	7440-50-8	37.762	37.45	37.50	374471	374958
	noble metal	gold	7440-57-5	0.046	0.05	0.05	458	458
encapsulation	organic material	carbon black	1333-86-4	0.097	0.10		961	
	plastics	epoxy resin	-	7.658	7.59		75937	
	inorganic material	silicondioxide	60676-86-0	40.711	40.37	48.06	403718	480616
leadfinish	non noble metal	tin	7440-31-5	1.452	1.44	1.44	14396	14396
plating	noble metal	silver	7440-22-4	0.166	0.16	0.16	1641	1641
solder	non noble metal	tin	7440-31-5	0.019	0.02		186	
	noble metal	silver	7440-22-4	0.023	0.02		232	
	non noble metal	lead	7439-92-1	0.895	0.89	0.93	8871	9289
heatspreader	inorganic material	phosphorus	7723-14-0	0.003	0.00		34	
	non noble metal	iron	7439-89-6	0.011	0.01		112	
	non noble metal	copper	7440-50-8	11.320	11.23	11.24	112257	112403
*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.

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