



Material Content Data Sheet



Sales Product Name		BSC360N15NS3 G		Issued		27. September 2017		
MA#		MA001270654						
Package		PG-TDSON-8-1		Weight*		120.87 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	2.357	1.95	1.95	19498	19498
leadframe	non noble metal	iron	7439-89-6	0.038	0.03		313	
	inorganic material	phosphorus	7723-14-0	0.011	0.01		94	
	non noble metal	copper	7440-50-8	37.762	31.22	31.26	312410	312817
wire	non noble metal	copper	7440-50-8	0.073	0.06	0.06	601	601
encapsulation	organic material	carbon black	1333-86-4	0.084	0.07		692	
	plastics	epoxy resin	-	5.939	4.91		49133	
	inorganic material	silicondioxide	60676-86-0	35.800	29.62	34.60	296184	346009
leadfinish	non noble metal	tin	7440-31-5	1.452	1.20	1.20	12010	12010
plating	noble metal	silver	7440-22-4	0.166	0.14	0.14	1369	1369
solder	noble metal	silver	7440-22-4	0.056	0.05		465	
	non noble metal	tin	7440-31-5	0.045	0.04		372	
	non noble metal	lead	7439-92-1	2.146	1.78	1.87	17753	18590
CLIP plating	noble metal	silver	7440-22-4	1.289	1.07	1.07	10668	10668
heatspreader	non noble metal	iron	7439-89-6	0.011	0.01		94	
	inorganic material	phosphorus	7723-14-0	0.003	0.00		28	
	non noble metal	copper	7440-50-8	11.320	9.37	9.38	93653	93775
heat sink CLIP	non noble metal	iron	7439-89-6	0.022	0.02		185	
	inorganic material	phosphorus	7723-14-0	0.007	0.01		55	
	non noble metal	copper	7440-50-8	22.292	18.44	18.47	184423	184663
*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