



Material Content Data Sheet



Sales Product Name	BSN012N03LSI			Issued		26. September 2016		
MA#	MA001007206							
Package	LG-USON-6-1			Weight*		31.61 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.044	0.14		1406	
	noble metal	gold	7440-57-5	0.172	0.55		5451	
	inorganic material	silicon	7440-21-3	0.826	2.61	3.30	26137	32994
leadframe	non noble metal	iron	7439-89-6	0.025	0.08		790	
	inorganic material	phosphorus	7723-14-0	0.007	0.02		237	
	non noble metal	copper	7440-50-8	24.930	78.86	78.96	788558	789585
leadfinish	noble metal	gold	7440-57-5	0.008	0.02		240	
	inorganic material	phosphorus	7723-14-0	0.003	0.01		91	
	non noble metal	nickel	7440-02-0	0.159	0.50	0.53	5037	5368
ubm	noble metal	gold	7440-57-5	0.001	0.00		18	
	non noble metal	nickel	7440-02-0	0.057	0.18	0.18	1804	1822
solder	noble metal	silver	7440-22-4	0.089	0.28		2817	
	non noble metal	tin	7440-31-5	2.456	7.77	8.05	77679	80496
redistribution	non noble metal	copper	7440-50-8	0.221	0.70		6993	
	inorganic material	aluminiumhydroxide	21645-51-2	0.276	0.87		8732	
	inorganic material	silicondioxide	60676-86-0	0.362	1.15		11461	
	plastics	epoxy resin	-	0.483	1.53		15282	
	inorganic material	glass fibre	-	0.604	1.91	6.16	19102	61570
solder resists	inorganic material	silicondioxide	60676-86-0	0.098	0.31		3098	
	plastics	epoxy resin	-	0.116	0.37		3662	
	inorganic material	bariumsulfate	7727-43-7	0.196	0.62		6196	
	plastics	acrylic resin	-	0.481	1.52	2.82	15209	28165
*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 2011/65/EU (RoHS) and does not use any exemption.

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