



Material Content Data Sheet



Sales Product Name	BSN012N03LS			Issued		26. September 2016		
MA#	MA001390696							
Package	LG-USON-6-1			Weight*		31.62 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	26135	32992
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	78.85	78.95	788480	789507
leadfinish	noble metal	gold	7440-57-5	0.011	0.03		336	
	inorganic material	phosphorus	7723-14-0	0.003	0.01		91	
	non noble metal	nickel	7440-02-0	0.159	0.50	0.54	5037	5464
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	non noble metal	copper	7440-50-8	0.013	0.04		402	
	noble metal	silver	7440-22-4	0.076	0.24		2415	
	non noble metal	tin	7440-31-5	2.456	7.77	8.05	77671	80488
redistribution	non noble metal	copper	7440-50-8	0.221	0.70		6992	
	inorganic material	aluminiumhydroxide	21645-51-2	0.276	0.87		8732	
	inorganic material	silicondioxide	60676-86-0	0.362	1.15		11460	
	plastics	epoxy resin	-	0.483	1.53		15280	
	inorganic material	glass fibre	-	0.604	1.91	6.16	19100	61564
solder resists	inorganic material	silicondioxide	60676-86-0	0.098	0.31		3098	
	plastics	epoxy resin	-	0.116	0.37		3661	
	inorganic material	bariumsulfate	7727-43-7	0.196	0.62		6196	
	plastics	acrylic resin	-	0.481	1.52	2.82	15208	28163
*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