



## Material Content Data Sheet



Sales Product Name	BSN011NE2LS			Issued		29. August 2013		
MA#	MA001007202							
Package	LG-USON-6-1			Weight*		31.48 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	0.901	2.86	2.86	28635	28635
leadframe	non noble metal	iron	7439-89-6	0.025	0.08		793	
	inorganic material	phosphorus	7723-14-0	0.007	0.02		238	
	non noble metal	copper	7440-50-8	24.932	79.21	79.31	791997	793028
leadfinish	inorganic material	phosphorus	7723-14-0	0.003	0.01		91	
	noble metal	gold	7440-57-5	0.011	0.03		337	
	non noble metal	nickel	7440-02-0	0.159	0.51	0.55	5058	5486
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	1811	1829
solder	noble metal	silver	7440-22-4	0.089	0.28		2832	
	non noble metal	tin	7440-31-5	2.458	7.81	8.09	78074	80906
redistribution	non noble metal	copper	7440-50-8	0.221	0.70		7022	
	inorganic material	aluminiumhydroxide	21645-51-2	0.276	0.88		8769	
	inorganic material	silicondioxide	60676-86-0	0.362	1.15		11510	
	plastics	epoxy resin	-	0.483	1.53		15347	
	inorganic material	glass fibre	-	0.604	1.92	6.18	19183	61831
solder resists	inorganic material	silicondioxide	60676-86-0	0.098	0.31		3111	
	plastics	epoxy resin	-	0.116	0.37		3677	
	inorganic material	bariumsulfate	7727-43-7	0.196	0.62		6223	
	plastics	acrylic resin	-	0.481	1.53	2.83	15274	28285
*deviation	< 10%	Sum in total:			100,00			1000000

### Important Remarks:

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