



## Material Content Data Sheet



Sales Product Name	BSN048N03LS			Issued		29. August 2013		
MA#	MA001006890							
Package	LG-USON-6-1			Weight*		30.83 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	0.248	0.80	0.80	8034	8034
leadframe	non noble metal	iron	7439-89-6	0.025	0.08		810	
	inorganic material	phosphorus	7723-14-0	0.007	0.02		243	
	non noble metal	copper	7440-50-8	24.932	80.87	80.97	808791	809844
leadfinish	inorganic material	phosphorus	7723-14-0	0.003	0.01		93	
	noble metal	gold	7440-57-5	0.011	0.03		345	
	non noble metal	nickel	7440-02-0	0.159	0.52	0.56	5166	5604
ubm	noble metal	gold	7440-57-5	0.001	0.00		19	
	non noble metal	nickel	7440-02-0	0.057	0.18	0.18	1850	1869
solder	noble metal	silver	7440-22-4	0.089	0.29		2892	
	non noble metal	tin	7440-31-5	2.458	7.97	8.26	79730	82622
redistribution	non noble metal	copper	7440-50-8	0.221	0.72		7171	
	inorganic material	aluminiumhydroxide	21645-51-2	0.276	0.90		8955	
	inorganic material	silicondioxide	60676-86-0	0.362	1.18		11754	
	plastics	epoxy resin	-	0.483	1.57		15672	
	inorganic material	glass fibre	-	0.604	1.96	6.33	19590	63142
solder resists	inorganic material	silicondioxide	60676-86-0	0.098	0.32		3177	
	plastics	epoxy resin	-	0.116	0.38		3755	
	inorganic material	bariumsulfate	7727-43-7	0.196	0.64		6355	
	plastics	acrylic resin	-	0.481	1.56	2.90	15598	28885
*deviation	< 10%	Sum in total:			100,00		1000000	

### Important Remarks:

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