



Material Content Data Sheet



Sales Product Name	BSN048N03LS			Issued		14. September 2016		
MA#	MA001006890							
Package	LG-USON-6-1			Weight*		30.86 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	0.012	0.04		396	
	noble metal	gold	7440-57-5	0.047	0.15		1534	
	inorganic material	silicon	7440-21-3	0.227	0.74	0.93	7357	9287
leadframe	non noble metal	iron	7439-89-6	0.025	0.08		809	
	inorganic material	phosphorus	7723-14-0	0.007	0.02		243	
	non noble metal	copper	7440-50-8	24.930	80.79	80.89	807892	808944
leadfinish	noble metal	gold	7440-57-5	0.008	0.02		246	
	inorganic material	phosphorus	7723-14-0	0.003	0.01		93	
	non noble metal	nickel	7440-02-0	0.159	0.52	0.55	5161	5500
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	1848	1867
solder	noble metal	silver	7440-22-4	0.089	0.29		2886	
	non noble metal	tin	7440-31-5	2.456	7.96	8.25	79583	82469
redistribution	non noble metal	copper	7440-50-8	0.221	0.72		7164	
	inorganic material	aluminiumhydroxide	21645-51-2	0.276	0.89		8946	
	inorganic material	silicondioxide	60676-86-0	0.362	1.17		11742	
	plastics	epoxy resin	-	0.483	1.57		15656	
	inorganic material	glass fibre	-	0.604	1.96	6.31	19570	63078
solder resists	inorganic material	silicondioxide	60676-86-0	0.098	0.32		3174	
	plastics	epoxy resin	-	0.116	0.38		3751	
	inorganic material	bariumsulfate	7727-43-7	0.196	0.63		6348	
	plastics	acrylic resin	-	0.481	1.56	2.89	15582	28855
*deviation	< 10%	Sum in total:			100.00			1000000

Important Remarks:

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