



Material Content Data Sheet



Sales Product Name	BSN045NE2LS			Issued		9. September 2016		
MA#	MA001006560							
Package	LG-USON-6-1			Weight*		31.03 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		394	
	noble metal	gold	7440-57-5	0.047	0.15		1526	
	inorganic material	silicon	7440-21-3	0.227	0.73	0.92	7317	9237
leadframe	non noble metal	iron	7439-89-6	0.025	0.08		805	
	inorganic material	phosphorus	7723-14-0	0.007	0.02		241	
	non noble metal	copper	7440-50-8	24.930	80.35	80.45	803469	804515
leadfinish	noble metal	gold	7440-57-5	0.015	0.05		489	
	inorganic material	phosphorus	7723-14-0	0.006	0.02		185	
	non noble metal	nickel	7440-02-0	0.318	1.03	1.10	10265	10939
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	1838	1857
solder	noble metal	silver	7440-22-4	0.089	0.29		2871	
	non noble metal	tin	7440-31-5	2.456	7.91	8.20	79148	82019
redistribution	non noble metal	copper	7440-50-8	0.221	0.71		7125	
	inorganic material	aluminiumhydroxide	21645-51-2	0.276	0.89		8897	
	inorganic material	silicondioxide	60676-86-0	0.362	1.17		11678	
	plastics	epoxy resin	-	0.483	1.56		15571	
	inorganic material	glass fibre	-	0.604	1.95	6.28	19463	62734
solder resists	inorganic material	silicondioxide	60676-86-0	0.098	0.32		3157	
	plastics	epoxy resin	-	0.116	0.37		3731	
	inorganic material	bariumsulfate	7727-43-7	0.196	0.63		6314	
	plastics	acrylic resin	-	0.481	1.55	2.87	15497	28699
*deviation	< 10%	Sum in total:			100.00			1000000

Important Remarks:

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