



Material Content Data Sheet



Sales Product Name		BSC0911ND		Issued		29. August 2013		
MA#		MA001039316						
Package		PG-TISON-8-3		Weight*		101.88 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	1.133	1.11	1.11	11119	11119
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		101	
	non noble metal	zinc	7440-66-6	0.041	0.04		403	
	non noble metal	iron	7439-89-6	0.822	0.81		8064	
wire	non noble metal	copper	7440-50-8	33.360	32.74	33.60	327440	336008
	noble metal	gold	7440-57-5	0.069	0.07	0.07	673	673
	encapsulation	organic material	carbon black	1333-86-4	0.092	0.09		899
plastics	plastics	epoxy resin	-	4.715	4.63		46282	
	inorganic material	silicondioxide	60676-86-0	40.973	40.21	44.93	402162	449343
leadfinish	non noble metal	tin	7440-31-5	1.108	1.09	1.09	10875	10875
plating	noble metal	silver	7440-22-4	0.186	0.18	0.18	1823	1823
solder	noble metal	silver	7440-22-4	0.042	0.04		416	
	non noble metal	tin	7440-31-5	0.034	0.03		333	
	non noble metal	lead	7439-92-1	1.619	1.59	1.66	15887	16636
heat sink CLIP	inorganic material	phosphorus	7723-14-0	0.005	0.01		52	
	non noble metal	zinc	7440-66-6	0.021	0.02		208	
	non noble metal	iron	7439-89-6	0.424	0.42		4165	
	non noble metal	copper	7440-50-8	17.228	16.91	17.36	169098	173523
*deviation	< 10%		Sum in total:			100,00		1000000

Important Remarks:

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