



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS428L2		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA001111636						
<b>Package</b>		PG-TO252-5-11		<b>Weight*</b>		356.73 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	3.586	1.01	1.01	10051	10051
leadframe	non noble metal	iron	7439-89-6	0.205	0.06		573	
	inorganic material	phosphorus	7723-14-0	0.061	0.02		172	
	non noble metal	copper	7440-50-8	204.243	57.25	57.33	572540	573285
wire	non noble metal	aluminium	7429-90-5	0.629	0.18	0.18	1762	1762
encapsulation	organic material	carbon black	1333-86-4	1.397	0.39		3917	
	plastics	epoxy resin	-	24.451	6.85		68540	
	inorganic material	silicondioxide	60676-86-0	113.870	31.92	39.16	319203	391660
leadfinish	non noble metal	tin	7440-31-5	5.072	1.42	1.42	14219	14219
plating	non noble metal	nickel	7440-02-0	0.076	0.02		214	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	215
solder	noble metal	silver	7440-22-4	0.079	0.02		220	
	non noble metal	tin	7440-31-5	0.063	0.02		176	
	non noble metal	lead	7439-92-1	3.001	0.84	0.88	8412	8808
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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