



## Material Content Data Sheet



Sales Product Name	BTN7930B			Issued		29. August 2013		
MA#	MA001005820							
Package	PG-TO263-7-1			Weight*		1533.21 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	6.361	0.41	0.41	4149	4149
leadframe	non noble metal	iron	7439-89-6	0.810	0.05		528	
	inorganic material	phosphorus	7723-14-0	0.243	0.02		158	
	non noble metal	copper	7440-50-8	808.613	52.74	52.81	527400	528087
wire	non noble metal	aluminium	7429-90-5	2.982	0.19	0.19	1945	1945
encapsulation	organic material	carbon black	1333-86-4	8.846	0.58		5769	
	plastics	epoxy resin	-	97.303	6.35		63464	
	inorganic material	silicondioxide	60676-86-0	483.565	31.54	38.47	315395	384628
leadfinish	non noble metal	tin	7440-31-5	13.037	0.85	0.85	8503	8503
plating	non noble metal	nickel	7440-02-0	0.212	0.01		139	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	139
glue	plastics	Polyimide	26023-21-2	0.179	0.01	0.01	117	117
solder	noble metal	silver	7440-22-4	0.118	0.01		77	
	non noble metal	tin	7440-31-5	0.094	0.01		61	
	non noble metal	lead	7439-92-1	4.494	0.29	0.31	2931	3069
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		21	
	non noble metal	iron	7439-89-6	0.106	0.01		69	
	non noble metal	copper	7440-50-8	106.210	6.93	6.94	69273	69363
*deviation	< 10%	Sum in total:			100,00		1000000	

### Important Remarks:

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