



## Material Content Data Sheet



<b>Sales Product Name</b>		BTF3125EJ		<b>Issued</b>		9. January 2019		
<b>MA#</b>		MA002843818						
<b>Package</b>		PG-TDSO-8-31		<b>Weight*</b>		67.40 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	1.367	2.03	2.03	20284	20284
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		141	
	non noble metal	zinc	7440-66-6	0.038	0.06		564	
	non noble metal	iron	7439-89-6	0.760	1.13		11273	
wire	non noble metal	copper	7440-50-8	30.851	45.78	46.98	457745	469723
	non noble metal	copper	7440-50-8	0.282	0.42	0.42	4189	4189
	encapsulation	organic material	carbon black	1333-86-4	0.097	0.14		1434
encapsulation	plastics	epoxy resin	-	3.769	5.59		55921	
	inorganic material	silicondioxide	60676-86-0	28.347	42.06	47.79	420603	477958
leadfinish	non noble metal	tin	7440-31-5	0.497	0.74	0.74	7378	7378
plating	noble metal	silver	7440-22-4	0.825	1.22	1.22	12238	12238
glue	plastics	epoxy resin	-	0.097	0.14		1440	
	noble metal	silver	7440-22-4	0.458	0.68	0.82	6790	8230
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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