



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS7004-1EPP		<b>Issued</b>		4. July 2019		
<b>MA#</b>		MA005350630						
<b>Package</b>		PG-TSDSO-14-22		<b>Weight*</b>		65.28 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	1.355	2.08	2.08	20755	20755
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		144	
	non noble metal	zinc	7440-66-6	0.038	0.06		578	
	non noble metal	iron	7439-89-6	0.754	1.16		11551	
wire	non noble metal	copper	7440-50-8	30.617	46.91	48.14	469006	481279
	non noble metal	copper	7440-50-8	0.792	1.21	1.21	12137	12137
	organic material	carbon black	1333-86-4	0.086	0.13		1324	
encapsulation	plastics	epoxy resin	-	3.371	5.16		51638	
	inorganic material	silicondioxide	60676-86-0	25.354	38.84	44.13	388387	441349
leadfinish	non noble metal	tin	7440-31-5	1.642	2.51	2.51	25147	25147
plating	noble metal	silver	7440-22-4	0.816	1.25	1.25	12501	12501
glue	plastics	epoxy resin	-	0.078	0.12		1196	
	noble metal	silver	7440-22-4	0.368	0.56	0.68	5636	6832
*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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