



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS6110-1SJA		<b>Issued</b>		24. January 2018			
<b>MA#</b>		MA001833430							
<b>Package</b>		PG-DSO-8-49		<b>Weight*</b>		82.94 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	0.995	1.20	1.20	12001	12001	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108		
	non noble metal	zinc	7440-66-6	0.036	0.04		432		
	non noble metal	iron	7439-89-6	0.717	0.86		8647		
wire	non noble metal	copper	7440-50-8	29.121	35.11	36.02	351124	360311	
	non noble metal	copper	7440-50-8	0.341	0.41	0.41	4106	4106	
	encapsulation	organic material	carbon black	1333-86-4	0.100	0.12		1201	
plastics	plastics	epoxy resin	-	4.581	5.52		55234		
	inorganic material	silicondioxide	60676-86-0	45.112	54.41	60.05	543935	600370	
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9813	9813	
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7840	7840	
glue	plastics	epoxy resin	-	0.081	0.10		973		
	noble metal	silver	7440-22-4	0.380	0.46	0.56	4586	5559	
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com