



Material Content Data Sheet



Sales Product Name		BTS6110-1SJA		Issued		24. January 2018		
MA#		MA001710518						
Package		PG-DSO-8-49		Weight*		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	
		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
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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