



Material Content Data Sheet



Sales Product Name		BTS7012-1EPA		Issued		14. September 2018			
MA#		MA003438470							
Package		PG-TSDSO-14-22		Weight*		64.90 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	0.766	1.18	1.18	11806	11806	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		145		
		non noble metal	zinc	7440-66-6	0.038	0.06		581	
		non noble metal	iron	7439-89-6	0.754	1.16		11619	
wire	non noble metal	non noble metal	copper	7440-50-8	30.617	47.18	48.41	471762	484107
		non noble metal	copper	7440-50-8	0.495	0.76	0.76	7633	7633
		encapsulation	organic material	carbon black	1333-86-4	0.088	0.14		1362
encapsulation	plastics	plastics	epoxy resin	-	3.448	5.31		53125	
		inorganic material	silicondioxide	60676-86-0	25.932	39.96	45.41	399571	454058
		leadfinish	non noble metal	tin	7440-31-5	1.642	2.53	2.53	25295
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12574	12574	
glue	plastics	plastics	epoxy resin	-	0.051	0.08		792	
		noble metal	silver	7440-22-4	0.242	0.37	0.45	3735	4527
*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.
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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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