



Material Content Data Sheet



Sales Product Name		BTS7040-1EPA		Issued		12. February 2019		
MA#		MA004962538						
Package		PG-TSDSO-14-22		Weight*		64.69 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	0.609	0.94	0.94	9419	9419
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		146	
	non noble metal	zinc	7440-66-6	0.038	0.06		583	
	non noble metal	iron	7439-89-6	0.754	1.17		11656	
wire	non noble metal	copper	7440-50-8	30.617	47.32	48.56	473297	485682
	non noble metal	copper	7440-50-8	0.275	0.43	0.43	4256	4256
	encapsulation	organic material	carbon black	1333-86-4	0.089	0.14		1376
plastics	plastics	epoxy resin	-	3.472	5.37		53670	
	inorganic material	silicondioxide	60676-86-0	26.113	40.37	45.88	403674	458720
leadfinish	non noble metal	tin	7440-31-5	1.642	2.54	2.54	25377	25377
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12615	12615
glue	plastics	epoxy resin	-	0.045	0.07		688	
	noble metal	silver	7440-22-4	0.210	0.32	0.39	3243	3931
*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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