



Material Content Data Sheet



Sales Product Name		BTS71040-4ESA		Issued		22. July 2019		
MA#		MA005351835						
Package		PG-TSDSO-24-42		Weight*		111.92 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	1.959	1.75	1.75	17504	17504
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		142	
		non noble metal	zinc	7440-66-6	0.064	0.06		569
		non noble metal	iron	7439-89-6	1.274	1.14		11379
wire	non noble metal	copper	7440-50-8	51.711	46.21	47.42	462038	474128
		copper	7440-50-8	0.722	0.64	0.64	6449	6449
encapsulation	organic material	carbon black	1333-86-4	0.154	0.14		1380	
		plastics	epoxy resin	-	6.022	5.38		53805
		inorganic material	silicondioxide	60676-86-0	45.292	40.47	45.99	404690
leadfinish	non noble metal	tin	7440-31-5	2.781	2.48	2.48	24850	24850
plating	noble metal	silver	7440-22-4	1.318	1.18	1.18	11773	11773
glue	plastics	epoxy resin	-	0.106	0.09		949	
		noble metal	silver	7440-22-4	0.501	0.45	0.54	4472
*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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