



Material Content Data Sheet



Sales Product Name		BTS71040-4ESE		Issued		22. July 2019			
MA#		MA005351833							
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	non noble metal	copper	7440-50-8	51.711	46.21	47.42	462038	474128
		non noble metal	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
encapsulation	plastics	epoxy resin	-	6.022	5.38		53805		
		inorganic material	silicondioxide	60676-86-0	45.292	40.47	45.99	404690	459875
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	5421
*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

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