



Material Content Data Sheet



Sales Product Name		BTS72220-4ESA		Issued		1. August 2018			
MA#		MA002782904							
Package		PG-TSDSO-24-32		Weight*		113.27 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	3.687	3.25	3.25	32549	32549	
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		141		
		non noble metal	zinc	7440-66-6	0.064	0.06		565	
		non noble metal	iron	7439-89-6	1.279	1.13		11291	
wire	non noble metal	non noble metal	copper	7440-50-8	51.928	45.84	47.04	458446	470443
		non noble metal	copper	7440-50-8	1.679	1.48	1.48	14827	14827
		encapsulation	organic material	carbon black	1333-86-4	0.148	0.13		1311
encapsulation	plastics	epoxy resin	-	5.790	5.11		51117		
		inorganic material	silicondioxide	60676-86-0	43.548	38.45	43.69	384470	436898
leadfinish	non noble metal	tin	7440-31-5	2.781	2.46	2.46	24554	24554	
plating	noble metal	silver	7440-22-4	1.324	1.17	1.17	11685	11685	
glue	plastics	epoxy resin	-	0.179	0.16		1583		
		noble metal	silver	7440-22-4	0.845	0.75	0.91	7461	9044
*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