



Material Content Data Sheet



Sales Product Name		BTS71220-4ESA		Issued		1. August 2018		
MA#		MA001962840						
Package		PG-TSDSO-24-32		Weight*		112.81 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	2.514	2.23	2.23	22286	22286
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		142	
	non noble metal	zinc	7440-66-6	0.064	0.06		567	
	non noble metal	iron	7439-89-6	1.279	1.13		11336	
wire	non noble metal	copper	7440-50-8	51.928	46.03	47.23	460292	472337
	non noble metal	copper	7440-50-8	1.466	1.30	1.30	12993	12993
	organic material	carbon black	1333-86-4	0.152	0.13		1348	
encapsulation	plastics	epoxy resin	-	5.931	5.26		52576	
	inorganic material	silicondioxide	60676-86-0	44.611	39.54	44.93	395441	449365
leadfinish	non noble metal	tin	7440-31-5	2.781	2.47	2.47	24653	24653
plating	noble metal	silver	7440-22-4	1.324	1.17	1.17	11732	11732
glue	plastics	epoxy resin	-	0.131	0.12		1161	
	noble metal	silver	7440-22-4	0.617	0.55	0.67	5473	6634
*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

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