

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS71220-4ESE	**Issued**	21. December 2022
MA#	MA005714674		
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	2.229	2.229	22286	22286
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.014	47.234	142	472338
	non noble metal	zinc	7440-66-6	0.064	0.057		567	
	non noble metal	iron	7439-89-6	1.279	1.134		11336	
	non noble metal	copper	7440-50-8	51.928	46.029		460293	
wire	non noble metal	copper	7440-50-8	1.466	1.299	1.299	12993	12993
encapsulation	organic material	carbon black	1333-86-4	0.152	0.135	44.937	1348	449365
	plastics	epoxy resin	-	5.931	5.258		52576	
	inorganic material	silicondioxide	60676-86-0	44.611	39.544		395441	
leadfinish	non noble metal	tin	7440-31-5	2.781	2.465	2.465	24653	24653
plating	noble metal	silver	7440-22-4	1.324	1.173	1.173	11732	11732
glue	plastics	epoxy resin	-	0.131	0.116	0.663	1161	6633
	noble metal	silver	7440-22-4	0.617	0.547		5473	
*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 End-of-Life Vehicle (ELV) Directive 2000/53/EG and the ELV Annex II (2016/774/EU) and does not use any exemption.

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