

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS71033-6ESP	**Issued**	21. December 2022
MA#	MA005710728		
Package	PG-TSDSO-24-42	**Weight***	112.00 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	2.264	2.022	2.022	20218	20218
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.014	47.377	142	473771
	non noble metal	zinc	7440-66-6	0.064	0.057		569	
	non noble metal	iron	7439-89-6	1.274	1.137		11370	
	non noble metal	copper	7440-50-8	51.711	46.169		461689	
wire	non noble metal	copper	7440-50-8	0.735	0.657	0.657	6565	6565
encapsulation	organic material	carbon black	1333-86-4	0.153	0.137	45.682	1370	456815
	plastics	epoxy resin	-	5.986	5.345		53447	
	inorganic material	silicondioxide	60676-86-0	45.025	40.200		401997	
leadfinish	non noble metal	tin	7440-31-5	2.781	2.483	2.483	24831	24831
plating	noble metal	silver	7440-22-4	1.318	1.176	1.176	11764	11764
glue	plastics	epoxy resin	-	0.118	0.106	0.604	1056	6036
	noble metal	silver	7440-22-4	0.558	0.498		4980	
*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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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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