

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTT6200-4ESA	**Issued**	11. April 2021
MA#	MA005347833		
Package	PG-TSDSO-24-21	**Weight***	111.73 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	2.840	2.54	2.54	25416	25416
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		142	
	non noble metal	zinc	7440-66-6	0.063	0.06		566	
	non noble metal	iron	7439-89-6	1.266	1.13		11328	
	non noble metal	copper	7440-50-8	51.392	46.00	47.20	459951	471987
wire	non noble metal	copper	7440-50-8	0.622	0.56	0.56	5568	5568
encapsulation	organic material	carbon black	1333-86-4	0.152	0.14		1356	
	plastics	epoxy resin	-	5.910	5.29		52890	
	inorganic material	silicondioxide	60676-86-0	44.448	39.78	45.21	397801	452047
leadfinish	non noble metal	tin	7440-31-5	2.820	2.52	2.52	25240	25240
plating	noble metal	silver	7440-22-4	1.279	1.14	1.14	11447	11447
glue	plastics	epoxy resin	-	0.162	0.15		1452	
	noble metal	silver	7440-22-4	0.765	0.68	0.83	6843	8295
*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 EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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