

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE75602-ESD	**Issued**	17. May 2021
MA#	MA005418097		
Package	PG-TSDSO-24-21	**Weight***	112.08 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	3.094	2.76	2.76	27602	27602
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		141	
	non noble metal	zinc	7440-66-6	0.063	0.06		565	
	non noble metal	iron	7439-89-6	1.266	1.13		11293	
	non noble metal	copper	7440-50-8	51.392	45.86	47.06	458530	470529
wire	non noble metal	copper	7440-50-8	0.930	0.83	0.83	8298	8298
encapsulation	organic material	carbon black	1333-86-4	0.150	0.13		1342	
	plastics	epoxy resin	-	5.865	5.23		52333	
	inorganic material	silicondioxide	60676-86-0	44.116	39.36	44.72	393614	447289
leadfinish	non noble metal	tin	7440-31-5	2.820	2.52	2.52	25161	25161
plating	noble metal	silver	7440-22-4	1.279	1.14	1.14	11411	11411
glue	plastics	epoxy resin	-	0.190	0.17		1699	
	noble metal	silver	7440-22-4	0.898	0.80	0.97	8011	9710
*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.
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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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