

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE75008-ESD	**Issued**	27. April 2022
MA#	MA005739296		
Package	PG-TSDSO-24-51	**Weight***	111.71 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	1.592	1.42	1.42	14248	14248
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		129	
	non noble metal	zinc	7440-66-6	0.057	0.05		515	
	non noble metal	iron	7439-89-6	1.150	1.03		10294	
	non noble metal	copper	7440-50-8	46.694	41.81	42.90	417988	428926
wire	non noble metal	copper	7440-50-8	0.860	0.77	0.77	7699	7699
encapsulation	organic material	carbon black	1333-86-4	0.158	0.14		1417	
	plastics	epoxy resin	-	6.172	5.53		55254	
	inorganic material	silicondioxide	60676-86-0	46.425	41.56	47.23	415583	472254
leadfinish	non noble metal	tin	7440-31-5	2.672	2.39	2.39	23918	23918
plating	noble metal	silver	7440-22-4	1.381	1.24	1.24	12359	12359
glue	plastics	epoxy resin	-	0.112	0.10		1007	
	noble metal	silver	7440-22-4	0.530	0.47	0.57	4745	5752
heatspreader	inorganic material	phosphorus	7723-14-0	0.001			10	
	non noble metal	zinc	7440-66-6	0.005			42	
	non noble metal	iron	7439-89-6	0.093	0.08		836	
	non noble metal	copper	7440-50-8	3.793	3.40	3.48	33956	34844
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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