



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE75008-ESD	Issued	25. June 2021
MA#	MA005557063		
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:

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 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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