



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE75602-ESH	Issued	23. June 2021
MA#	MA005548152		
Package	PG-TSDSO-24-51	Weight*	112.01 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	2.618	2.34	2.34	23369	23369
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		128	
	non noble metal	zinc	7440-66-6	0.057	0.05		513	
	non noble metal	iron	7439-89-6	1.150	1.03		10266	
	non noble metal	copper	7440-50-8	46.694	41.69	42.78	416858	427765
wire	non noble metal	copper	7440-50-8	0.934	0.83	0.83	8339	8339
encapsulation	organic material	carbon black	1333-86-4	0.155	0.14		1386	
	plastics	epoxy resin	-	6.053	5.40		54036	
	inorganic material	silicondioxide	60676-86-0	45.525	40.64	46.18	406424	461846
leadfinish	non noble metal	tin	7440-31-5	2.672	2.39	2.39	23853	23853
plating	noble metal	silver	7440-22-4	1.381	1.23	1.23	12326	12326
glue	plastics	epoxy resin	-	0.152	0.14		1357	
	noble metal	silver	7440-22-4	0.716	0.64	0.78	6395	7752
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		834	
	non noble metal	copper	7440-50-8	3.793	3.39	3.47	33864	34750
*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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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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com