

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLI4963-1M	**Issued**	02. June 2021
MA#	MA001396870		
Package	PG-SOT23-3-15	**Weight***	9.78 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	0.220	2.25	2.25	22463	22463
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		74	
	non noble metal	titanium	7440-32-6	0.004	0.04		369	
	non noble metal	chromium	7440-47-3	0.011	0.11		1106	
	non noble metal	copper	7440-50-8	3.590	36.72	36.88	367217	368766
wire	noble metal	gold	7440-57-5	0.023	0.24	0.24	2361	2361
encapsulation	organic material	carbon black	1333-86-4	0.055	0.56		5619	
	plastics	epoxy resin	-	1.181	12.08		120813	
	inorganic material	silicondioxide	60676-86-0	4.257	43.55	56.19	435487	561919
leadfinish	non noble metal	tin	7440-31-5	0.150	1.53	1.53	15308	15308
plating	noble metal	silver	7440-22-4	0.149	1.52	1.52	15200	15200
glue	plastics	epoxy resin	-	0.024	0.24		2447	
	noble metal	silver	7440-22-4	0.113	1.15	1.39	11536	13983
*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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