

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLI4971-A050T5-E0001	**Issued**	09. February 2022
MA#	MA005539133		
Package	PG-TISON-8-5	**Weight***	172.44 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	1.017	0.59	0.59	5895	5895
leadframe	non noble metal	zinc	7440-66-6	0.103	0.06		599	
	non noble metal	tin	7440-31-5	0.129	0.07		749	
	non noble metal	chromium	7440-47-3	0.155	0.09		899	
	non noble metal	copper	7440-50-8	51.262	29.73	29.95	297281	299528
wire	noble metal	gold	7440-57-5	0.270	0.16	0.16	1563	1563
encapsulation	organic material	carbon black	1333-86-4	0.235	0.14		1363	
	plastics	epoxy resin	-	14.455	8.38		83829	
	inorganic material	silicondioxide	60676-86-0	102.831	59.63	68.15	596346	681538
leadfinish	non noble metal	tin	7440-31-5	1.774	1.03	1.03	10286	10286
plating	noble metal	silver	7440-22-4	0.083	0.05	0.05	482	482
tape	miscellaneous	miscellaneous	-	0.001			7	
	plastics	phenol resin	-	0.006			35	
	inorganic material	amorphous silica	7631-86-9	0.051	0.03		298	
	plastics	acrylic resin	-	0.064	0.04	0.07	368	708
*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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