

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4274G V10	**Issued**	27. April 2022
MA#	MA005714987		
Package	PG-TO263-3-1	**Weight***	1598.73 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	2.945	0.18	0.18	1842	1842
leadframe	inorganic material	phosphorus	7723-14-0	0.091	0.01		57	
	non noble metal	iron	7439-89-6	0.304	0.02		190	
	non noble metal	copper	7440-50-8	304.026	19.02	19.05	190167	190414
wire	non noble metal	aluminium	7429-90-5	0.227	0.01	0.01	142	142
encapsulation	organic material	carbon black	1333-86-4	1.456	0.09		911	
	plastics	epoxy resin	-	66.999	4.19		41907	
	inorganic material	silicondioxide	60676-86-0	659.792	41.27	45.55	412697	455515
leadfinish	non noble metal	tin	7440-31-5	9.657	0.60	0.60	6040	6040
plating	inorganic material	phosphorus	7723-14-0	0.001			1	
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	143	144
solder	non noble metal	tin	7440-31-5	0.093	0.01		58	
	noble metal	silver	7440-22-4	0.116	0.01		72	
	non noble metal	lead	7439-92-1	4.420	0.28	0.30	2765	2895
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		103	
	non noble metal	iron	7439-89-6	0.548	0.03		343	
	non noble metal	copper	7440-50-8	547.666	34.26	34.30	342562	343008
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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