

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE42754D	**Issued**	01. May 2021
MA#	MA000714176		
Package	PG-TO252-5-11	**Weight***	366.11 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	3.311	0.90	0.90	9045	9045
leadframe	inorganic material	phosphorus	7723-14-0	0.061	0.02		168	
	non noble metal	iron	7439-89-6	0.205	0.06		559	
	non noble metal	copper	7440-50-8	204.243	55.79	55.87	557870	558597
wire	non noble metal	aluminium	7429-90-5	0.123	0.03	0.03	337	337
encapsulation	organic material	carbon black	1333-86-4	0.296	0.08		809	
	plastics	epoxy resin	-	13.625	3.72		37216	
	inorganic material	silicondioxide	60676-86-0	134.178	36.65	40.45	366496	404521
leadfinish	non noble metal	tin	7440-31-5	5.072	1.39	1.39	13855	13855
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.076	0.02	0.02	208	209
solder	non noble metal	tin	7440-31-5	0.098	0.03		269	
	noble metal	silver	7440-22-4	0.123	0.03		336	
	non noble metal	lead	7439-92-1	4.698	1.28	1.34	12831	13436
*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.

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