

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4290D	**Issued**	18. August 2021
MA#	MA000714216		
Package	PG-TO252-5-11	**Weight***	366.47 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	3.794	1.04	1.04	10352	10352
leadframe	inorganic material	phosphorus	7723-14-0	0.061	0.02		167	
	non noble metal	iron	7439-89-6	0.205	0.06		558	
	non noble metal	copper	7440-50-8	204.243	55.72	55.80	557329	558054
wire	non noble metal	aluminium	7429-90-5	0.120	0.03	0.03	328	328
encapsulation	organic material	carbon black	1333-86-4	0.295	0.08		806	
	plastics	epoxy resin	-	13.580	3.71		37058	
	inorganic material	silicondioxide	60676-86-0	133.738	36.49	40.28	364938	402802
leadfinish	non noble metal	tin	7440-31-5	5.072	1.38	1.38	13842	13842
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	0.106	0.03		288	
	noble metal	silver	7440-22-4	0.132	0.04		360	
	non noble metal	lead	7439-92-1	5.044	1.38	1.45	13765	14413
*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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