



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE4270-2D	Issued	01. May 2021
MA#	MA000722716		
Package	PG-TO252-5-11	Weight*	367.30 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	4.930	1.34	1.34	13422	13422
leadframe	inorganic material	phosphorus	7723-14-0	0.061	0.02		167	
	non noble metal	iron	7439-89-6	0.205	0.06		557	
	non noble metal	copper	7440-50-8	204.243	55.61	55.69	556073	556797
wire	non noble metal	aluminium	7429-90-5	0.260	0.07	0.07	707	707
encapsulation	organic material	carbon black	1333-86-4	0.293	0.08		797	
	plastics	epoxy resin	-	13.466	3.67		36662	
	inorganic material	silicondioxide	60676-86-0	132.609	36.10	39.85	361043	398502
leadfinish	non noble metal	tin	7440-31-5	5.072	1.38	1.38	13810	13810
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.076	0.02	0.02	207	208
solder	non noble metal	tin	7440-31-5	0.122	0.03		331	
	noble metal	silver	7440-22-4	0.152	0.04		414	
	non noble metal	lead	7439-92-1	5.806	1.58	1.65	15809	16554
*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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