



Material Content Data Sheet



Sales Product Name		TLE7274-2D		Issued		20. July 2018		
MA#		MA000509870						
Package		PG-TO252-3-11		Weight*		371.11 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	1.671	0.45	0.45	4504	4504
leadframe	non noble metal	iron	7439-89-6	0.215	0.06		580	
	inorganic material	phosphorus	7723-14-0	0.065	0.02		174	
	non noble metal	copper	7440-50-8	215.017	57.93	58.01	579396	580150
wire	non noble metal	aluminium	7429-90-5	0.114	0.03	0.03	306	306
encapsulation	organic material	carbon black	1333-86-4	1.914	0.52		5158	
	plastics	epoxy resin	-	21.056	5.67		56739	
	inorganic material	silicondioxide	60676-86-0	104.642	28.20	34.39	281975	343872
leadfinish	non noble metal	tin	7440-31-5	3.787	1.02	1.02	10204	10204
plating	non noble metal	nickel	7440-02-0	0.091	0.02		245	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	246
solder	noble metal	silver	7440-22-4	0.083	0.02		224	
	non noble metal	tin	7440-31-5	0.067	0.02		179	
	non noble metal	lead	7439-92-1	3.180	0.86	0.90	8570	8973
heatspreader	non noble metal	iron	7439-89-6	0.019	0.01		52	
	inorganic material	phosphorus	7723-14-0	0.006	0.00		16	
	non noble metal	copper	7440-50-8	19.177	5.17	5.18	51677	51745
*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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