



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE42754D		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA000714176						
<b>Package</b>		PG-TO252-5-11		<b>Weight*</b>		366.04 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	9047	9047
leadframe	non noble metal	iron	7439-89-6	0.205	0.06		559	
	inorganic material	phosphorus	7723-14-0	0.061	0.02		168	
	non noble metal	copper	7440-50-8	204.243	55.79	55.87	557980	558707
wire	non noble metal	aluminium	7429-90-5	0.099	0.03	0.03	271	271
encapsulation	organic material	carbon black	1333-86-4	0.296	0.08		809	
	plastics	epoxy resin	-	13.625	3.72		37223	
	inorganic material	silicondioxide	60676-86-0	134.178	36.66	40.46	366569	404601
leadfinish	non noble metal	tin	7440-31-5	5.072	1.39	1.39	13858	13858
plating	non noble metal	nickel	7440-02-0	0.076	0.02	0.02	208	209
	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
solder	noble metal	silver	7440-22-4	0.122	0.03		333	
	non noble metal	tin	7440-31-5	0.097	0.03		266	
	non noble metal	lead	7439-92-1	4.651	1.27	1.33	12708	13307
*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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