



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE42764DV		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001151150						
<b>Package</b>		PG-TO252-5-11		<b>Weight*</b>		365.94 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	3.179	0.87	0.87	8687	8687
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	55.81	55.89	558128	558855
wire	non noble metal	aluminium	7429-90-5	0.179	0.05	0.05	488	488
encapsulation	organic material	carbon black	1333-86-4	0.296	0.08		810	
	plastics	epoxy resin	-	13.631	3.72		37248	
	inorganic material	silicondioxide	60676-86-0	134.233	36.68	40.48	366816	404874
leadfinish	non noble metal	tin	7440-31-5	5.072	1.39	1.39	13861	13861
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	0.119	0.03		326	
	non noble metal	tin	7440-31-5	0.095	0.03		261	
	non noble metal	lead	7439-92-1	4.552	1.24	1.30	12439	13026
*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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