



Material Content Data Sheet



Sales Product Name		TLE42764DV		Issued		15. June 2015		
MA#		MA001375570						
Package		PG-TO252-5-11		Weight*		366.01 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	8685	8685
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	558032	558760
wire	non noble metal	aluminium	7429-90-5	0.182	0.05	0.05	499	499
encapsulation	organic material	carbon black	1333-86-4	0.296	0.08		810	
	plastics	epoxy resin	-	13.630	3.72		37241	
	inorganic material	silicondioxide	60676-86-0	134.230	36.67	40.47	366742	404793
leadfinish	non noble metal	tin	7440-31-5	5.136	1.40	1.40	14032	14032
plating	non noble metal	nickel	7440-02-0	0.076	0.02		208	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	208
solder	noble metal	silver	7440-22-4	0.119	0.03		326	
	non noble metal	tin	7440-31-5	0.095	0.03		260	
	non noble metal	lead	7439-92-1	4.552	1.24	1.30	12437	13023
*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 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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