



## Material Content Data Sheet



<b>Sales Product Name</b>	TLE75004-EPD			<b>Issued</b>	24. January 2018			
<b>MA#</b>	MA001682898							
<b>Package</b>	PG-TSDSO-14-41			<b>Weight*</b>	64.84 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	1.299	2.00	2.00	20030	20030
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		144	
	non noble metal	zinc	7440-66-6	0.037	0.06		574	
	non noble metal	iron	7439-89-6	0.745	1.15		11488	
wire	non noble metal	copper	7440-50-8	30.247	46.65	47.87	466475	478681
	non noble metal	copper	7440-50-8	0.497	0.77	0.77	7669	7669
	encapsulation	organic material	carbon black	1333-86-4	0.087	0.13		1337
plastics	plastics	epoxy resin	-	3.382	5.22		52155	
	inorganic material	silicondioxide	60676-86-0	25.436	39.23	44.58	392280	445772
leadfinish	non noble metal	tin	7440-31-5	1.642	2.53	2.53	25318	25318
plating	noble metal	silver	7440-22-4	0.823	1.27	1.27	12686	12686
glue	plastics	epoxy resin	-	0.112	0.17		1723	
	noble metal	silver	7440-22-4	0.527	0.81	0.98	8121	9844
*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.
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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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