



## Material Content Data Sheet



<b>Sales Product Name</b>	TLE94106ES			<b>Issued</b>	4. March 2019			
<b>MA#</b>	MA001704496							
<b>Package</b>	PG-TSDSO-24-21			<b>Weight*</b>	111.70 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	2.389	2.14	2.14	21388	21388
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		142	
	non noble metal	zinc	7440-66-6	0.063	0.06		567	
	non noble metal	iron	7439-89-6	1.266	1.13		11331	
wire	non noble metal	copper	7440-50-8	51.392	46.02	47.22	460068	472108
	non noble metal	copper	7440-50-8	0.664	0.59	0.59	5942	5942
	encapsulation	organic material	carbon black	1333-86-4	0.153	0.14		1367
encapsulation	plastics	epoxy resin	-	5.953	5.33		53295	
	inorganic material	silicondioxide	60676-86-0	44.777	40.08	45.55	400848	455510
	leadfinish	non noble metal	tin	7440-31-5	2.820	2.52	2.52	25246
plating	noble metal	silver	7440-22-4	1.279	1.14	1.14	11450	11450
glue	plastics	epoxy resin	-	0.163	0.15		1462	
	noble metal	silver	7440-22-4	0.770	0.69	0.84	6894	8356
*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 does not use any exemption

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com