



Material Content Data Sheet



Sales Product Name		TLE4928		Issued		20. July 2018		
MA#		MA000737774						
Package		PG-SSO-3-6		Weight*		137.46 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	2.277	1.66	1.66	16562	16562
leadframe	non noble metal	chromium	7440-47-3	0.299	0.22		2178	
	non noble metal	titanium	7440-32-6	0.299	0.22		2178	
	non noble metal	nickel	7440-02-0	0.399	0.29		2904	
	non noble metal	tin	7440-31-5	0.599	0.44		4356	
	non noble metal	copper	7440-50-8	98.195	71.41	72.58	714343	725959
wire	noble metal	gold	7440-57-5	0.048	0.04	0.04	351	351
encapsulation	organic material	carbon black	1333-86-4	0.205	0.15		1493	
	plastics	brominated resin	-	0.257	0.19		1867	
	inorganic material	antimonytrioxide	1309-64-4	0.513	0.37		3733	
	plastics	epoxy resin	-	4.670	3.40		33974	
	inorganic material	silicondioxide	60676-86-0	20.015	14.56	18.67	145605	186672
leadfinish	non noble metal	tin	7440-31-5	8.326	6.06	6.06	60567	60567
plating	noble metal	silver	7440-22-4	0.623	0.45	0.45	4535	4535
glue	plastics	epoxy resin	-	0.147	0.11		1071	
	noble metal	silver	7440-22-4	0.589	0.43	0.54	4283	5354
*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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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

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