



Material Content Data Sheet



Sales Product Name	TLE4942-1C			Issued		28. August 2013		
MA#	MA000862102							
Package	PG-SSO-2-4			Weight*		168.96 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	2.458	1.46	1.46	14550	14550
leadframe	non noble metal	chromium	7440-47-3	0.288	0.17		1704	
	non noble metal	titanium	7440-32-6	0.288	0.17		1704	
	noble metal	silver	7440-22-4	0.384	0.23		2272	
	non noble metal	tin	7440-31-5	0.576	0.34		3409	
	non noble metal	copper	7440-50-8	94.449	55.89	56.80	559019	568108
wire	noble metal	gold	7440-57-5	0.060	0.04	0.04	353	353
encapsulation	organic material	carbon black	1333-86-4	0.450	0.27		2664	
	plastics	brominated resin	-	0.563	0.33		3329	
	inorganic material	antimonytrioxide	1309-64-4	1.125	0.67		6659	
	plastics	epoxy resin	-	10.238	6.06		60597	
	inorganic material	silicondioxide	60676-86-0	43.878	25.97	33.30	259700	332949
leadfinish	non noble metal	tin	7440-31-5	6.247	3.70	3.70	36973	36973
plating	noble metal	silver	7440-22-4	0.986	0.58	0.58	5834	5834
glue	plastics	epoxy resin	-	0.153	0.09		908	
	noble metal	silver	7440-22-4	0.613	0.36	0.45	3631	4539
smd	inorganic material	leadoxide	1317-36-8	0.001	0.00		7	
	inorganic material	titandioxide	13463-67-7	0.148	0.09		876	
	inorganic material	leadtitanate	12060-00-3	0.031	0.02		183	
	plastics	epoxy resin	-	0.002	0.00		12	
	inorganic material	bismuth trioxide	1304-76-3	0.255	0.15		1509	
	noble metal	palladium	7440-05-3	0.474	0.28		2806	
	noble metal	silver	7440-22-4	1.499	0.89		8872	
	inorganic material	bariumtitanate	12047-27-7	3.790	2.24	3.67	22429	36694
*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.

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