



Material Content Data Sheet



Sales Product Name				TLE4927C E6547		Issued		2. August 2018	
MA#				MA000727172					
Package				PG-SSO-3-92		Weight*		156.58 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	1.45	1.45	14540	14540	
leadframe	non noble metal	chromium	7440-47-3	0.240	0.15		1531		
	non noble metal	titanium	7440-32-6	0.240	0.15		1531		
	non noble metal	nickel	7440-02-0	0.320	0.20		2041		
	non noble metal	tin	7440-31-5	0.479	0.31		3062		
	non noble metal	copper	7440-50-8	78.632	50.23	51.04	502204	510369	
wire	noble metal	gold	7440-57-5	0.073	0.05	0.05	467	467	
encapsulation	organic material	carbon black	1333-86-4	0.426	0.27		2720		
	plastics	brominated resin	-	0.532	0.34		3400		
	inorganic material	antimonytrioxide	1309-64-4	1.065	0.68		6800		
	plastics	epoxy resin	-	9.688	6.19		61876		
	inorganic material	silicondioxide	60676-86-0	41.521	26.52	34.00	265185	339981	
leadfinish	non noble metal	tin	7440-31-5	5.635	3.60	3.60	35987	35987	
plating	noble metal	silver	7440-22-4	0.442	0.28	0.28	2823	2823	
glue	plastics	epoxy resin	-	0.147	0.09		940		
	noble metal	silver	7440-22-4	0.589	0.38	0.47	3760	4700	
smd	non noble metal	copper	7440-50-8	0.073	0.05		463		
	noble metal	palladium	7440-05-3	0.081	0.05		515		
	plastics	epoxy resin	-	0.008	0.00		50		
	inorganic material	ytterbiumoxide	1314-37-0	0.185	0.12		1181		
	inorganic material	yttriumoxide	1314-36-9	0.226	0.14		1442		
	non noble metal	nickel	7440-02-0	0.384	0.25		2453		
	noble metal	silver	7440-22-4	1.432	0.91		9147		
	inorganic material	titandioxide	13463-67-7	5.074	3.24		32408		
	inorganic material	bariumoxide	1304-28-5	6.807	4.35	9.11	43474	91133	
*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