



Material Content Data Sheet



Sales Product Name				TLE4924C-1 E6547		Issued		27. September 2017	
MA#				MA000727162					
Package				PG-SSO-3-92		Weight*		159.77 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	1.42	1.42	14250	14250	
leadframe	non noble metal	chromium	7440-47-3	0.240	0.15		1500		
	non noble metal	titanium	7440-32-6	0.240	0.15		1500		
	non noble metal	nickel	7440-02-0	0.320	0.20		2001		
	non noble metal	tin	7440-31-5	0.479	0.30		3001		
	non noble metal	copper	7440-50-8	78.632	49.21	50.01	492161	500163	
wire	noble metal	gold	7440-57-5	0.074	0.05	0.05	461	461	
encapsulation	organic material	carbon black	1333-86-4	0.426	0.27		2666		
	plastics	brominated resin	-	0.532	0.33		3332		
	inorganic material	antimonytrioxide	1309-64-4	1.065	0.67		6665		
	plastics	epoxy resin	-	9.690	6.07		60651		
	inorganic material	silicondioxide	60676-86-0	41.529	25.99	33.33	259933	333247	
leadfinish	non noble metal	tin	7440-31-5	5.565	3.48	3.48	34832	34832	
plating	noble metal	silver	7440-22-4	0.442	0.28	0.28	2767	2767	
glue	plastics	epoxy resin	-	0.147	0.09		921		
	noble metal	silver	7440-22-4	0.589	0.37	0.46	3685	4606	
smd	plastics	epoxy resin	-	0.004	0.00		25		
	noble metal	palladium	7440-05-3	0.466	0.29		2918		
	noble metal	silver	7440-22-4	0.550	0.34		3440		
	non noble metal	copper	7440-50-8	1.210	0.76		7573		
	non noble metal	nickel	7440-02-0	1.513	0.95		9467		
	inorganic material	bariumtitanate	12047-27-7	13.780	8.63	10.97	86251	109674	
*deviation	< 10%			Sum in total:		100.00		1000000	

Important Remarks:

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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

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