



Material Content Data Sheet



Sales Product Name				TLE4984C-HT E6747		Issued		25. September 2017	
MA#				MA000434842					
Package				PG-SSO-3-9		Weight*		159.82 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	2.571	1.61	1.61	16085	16085	
leadframe	non noble metal	chromium	7440-47-3	0.238	0.15		1489		
	non noble metal	titanium	7440-32-6	0.238	0.15		1489		
	non noble metal	nickel	7440-02-0	0.317	0.20		1985		
	non noble metal	tin	7440-31-5	0.476	0.30		2978		
	non noble metal	copper	7440-50-8	78.056	48.83	49.63	488395	496336	
wire	noble metal	gold	7440-57-5	0.045	0.03	0.03	281	281	
encapsulation	organic material	carbon black	1333-86-4	0.424	0.27		2653		
	plastics	brominated resin	-	0.530	0.33		3316		
	inorganic material	antimonytrioxide	1309-64-4	1.060	0.66		6633		
	plastics	epoxy resin	-	9.647	6.04		60358		
	inorganic material	silicondioxide	60676-86-0	41.342	25.87	33.17	258677	331637	
leadfinish	non noble metal	tin	7440-31-5	5.565	3.48	3.48	34820	34820	
plating	noble metal	silver	7440-22-4	1.003	0.63	0.63	6273	6273	
glue	plastics	epoxy resin	-	0.158	0.10		986		
	noble metal	silver	7440-22-4	0.630	0.39	0.49	3943	4929	
smd	plastics	epoxy resin	-	0.004	0.00		25		
	noble metal	palladium	7440-05-3	0.466	0.29		2917		
	noble metal	silver	7440-22-4	0.550	0.34		3439		
	non noble metal	copper	7440-50-8	1.210	0.76		7571		
	non noble metal	nickel	7440-02-0	1.513	0.95		9464		
	inorganic material	bariumtitanate	12047-27-7	13.780	8.62	10.96	86223	109639	
*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