



Material Content Data Sheet



Sales Product Name		TLE4928C E6547		Issued		20. July 2018		
MA#		MA000727202						
Package		PG-SSO-3-92		Weight*		159.78 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	14249	14249
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	49.22	50.02	492135	500137
wire	noble metal	gold	7440-57-5	0.073	0.05	0.05	456	456
encapsulation	organic material	carbon black	1333-86-4	0.426	0.27		2665	
	plastics	brominated resin	-	0.532	0.33		3332	
	inorganic material	antimonytrioxide	1309-64-4	1.065	0.67		6663	
	plastics	epoxy resin	-	9.688	6.06		60636	
	inorganic material	silicondioxide	60676-86-0	41.521	25.99	33.32	259868	333164
leadfinish	non noble metal	tin	7440-31-5	5.565	3.48	3.48	34830	34830
plating	noble metal	silver	7440-22-4	0.442	0.28	0.28	2766	2766
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	-	0.008	0.00		49	
	noble metal	palladium	7440-05-3	0.466	0.29		2918	
	noble metal	silver	7440-22-4	0.565	0.35		3538	
	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	8.62	10.97	86247	109792
*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

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