



## Material Content Data Sheet



Sales Product Name	TLE9254SK			Issued		27. November 2019		
MA#	MA003606548							
Package	PG-DSO-14-63			Weight*		142.87 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	1.679	1.18	1.18	11754	11754
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		109	
	non noble metal	zinc	7440-66-6	0.062	0.04		435	
	non noble metal	iron	7439-89-6	1.243	0.87		8702	
	non noble metal	copper	7440-50-8	50.479	35.33	36.25	353324	362570
wires	noble metal	palladium	7440-05-3	0.003	0.00		20	
	non noble metal	copper	7440-50-8	0.113	0.08	0.08	789	809
encapsulation	organic material	carbon black	1333-86-4	0.255	0.18		1787	
	plastics	epoxy resin	-	9.957	6.97		69694	
	inorganic material	silicondioxide	60676-86-0	74.892	52.44	59.59	524196	595677
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		143	
	noble metal	gold	7440-57-5	0.033	0.02		230	
	non noble metal	nickel	7440-02-0	0.719	0.50	0.53	5035	5408
plating	noble metal	palladium	7440-05-3	0.068	0.05		476	
	noble metal	gold	7440-57-5	0.109	0.08		765	
	non noble metal	nickel	7440-02-0	2.392	1.67	1.80	16742	17983
glue	plastics	epoxy resin	-	0.207	0.14		1450	
	noble metal	silver	7440-22-4	0.621	0.43	0.57	4349	5799
*deviation	< 10%	Sum in total:			100.00			1000000

### Important Remarks:

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