

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE8888QK	**Issued**	4. October 2018
MA#	MA003723454		
Package	PG-LQFP-100-26	**Weight***	730.57 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	52.824	7.23	7.23	72306	72306
leadframe	inorganic material	phosphorus	7723-14-0	0.063	0.01		86	
	non noble metal	zinc	7440-66-6	0.251	0.03		344	
	non noble metal	iron	7439-89-6	5.027	0.69		6881	
	non noble metal	copper	7440-50-8	204.110	27.94	28.67	279386	286697
wire	non noble metal	copper	7440-50-8	4.205	0.58	0.58	5756	5756
encapsulation	organic material	carbon black	1333-86-4	2.194	0.30		3003	
	plastics	epoxy resin	-	59.239	8.11		81087	
	inorganic material	silicondioxide	60676-86-0	377.378	51.66	60.07	516556	600646
leadfinish	noble metal	palladium	7440-05-3	0.003	0.00		4	
	noble metal	silver	7440-22-4	0.003	0.00		4	
	noble metal	gold	7440-57-5	0.005	0.00		7	
	non noble metal	nickel	7440-02-0	5.074	0.69	0.69	6945	6960
plating	noble metal	silver	7440-22-4	0.004	0.00		6	
	noble metal	palladium	7440-05-3	0.005	0.00		7	
	noble metal	gold	7440-57-5	0.008	0.00		11	
	non noble metal	nickel	7440-02-0	8.077	1.11	1.11	11056	11080
glue	plastics	epoxy resin	-	3.024	0.41		4139	
	noble metal	silver	7440-22-4	9.071	1.24	1.65	12416	16555
*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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