

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE42744E V50	**Issued**	14. May 2021
MA#	MA003438472		
Package	PG-SSOP-14-2	**Weight***	83.47 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	3.179	3.81	3.81	38086	38086
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		103	
	non noble metal	zinc	7440-66-6	0.034	0.04		413	
	non noble metal	iron	7439-89-6	0.689	0.83		8255	
	non noble metal	copper	7440-50-8	27.978	33.52	34.40	335192	343963
wire	noble metal	gold	7440-57-5	0.087	0.10	0.10	1044	1044
encapsulation	organic material	carbon black	1333-86-4	0.096	0.12		1155	
	plastics	epoxy resin	-	4.434	5.31		53123	
	inorganic material	silicondioxide	60676-86-0	43.666	52.32	57.75	523151	577429
leadfinish	non noble metal	tin	7440-31-5	0.976	1.17	1.17	11695	11695
plating	noble metal	silver	7440-22-4	0.768	0.92	0.92	9196	9196
glue	plastics	epoxy resin	-	0.388	0.46		4647	
	noble metal	silver	7440-22-4	1.164	1.39	1.85	13940	18587
*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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