Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4941PLUSC	**Issued**	08. February 2022
MA#	MA001976892		
Package	PG-SSO-2-53	**Weight***	169.66 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	1.330	0.78	0.78	7839	7839
leadframe	non noble metal	chromium	7440-47-3	0.288	0.17		1699	
	non noble metal	titanium	7440-32-6	0.288	0.17		1699	
	non noble metal	nickel	7440-02-0	0.384	0.23		2266	
	non noble metal	tin	7440-31-5	0.577	0.34		3399	
	non noble metal	copper	7440-50-8	94.576	55.75	56.66	557435	566498
wire	noble metal	gold	7440-57-5	0.041	0.02	0.02	240	240
encapsulation	organic material	carbon black	1333-86-4	0.590	0.35		3479	
	plastics	epoxy resin	-	10.624	6.26		62620	
	inorganic material	silicondioxide	60676-86-0	47.809	28.18	34.79	281791	347890
leadfinish	non noble metal	tin	7440-31-5	6.247	3.68	3.68	36819	36819
plating	noble metal	silver	7440-22-4	1.029	0.61	0.61	6065	6065
glue	plastics	epoxy resin	-	0.106	0.06		622	
	noble metal	silver	7440-22-4	0.422	0.25	0.31	2488	3110
smd	noble metal	palladium	7440-05-3	0.040	0.02		236	
	inorganic material	titandioxide	13463-67-7	0.099	0.06		586	
	inorganic material	bismuth trioxide	1304-76-3	0.387	0.23		2282	
	noble metal	silver	7440-22-4	0.439	0.26		2588	
	inorganic material	bariumtitanate	12047-27-7	4.375	2.58	3.15	25789	31481
smd adhesive	plastics	epoxy resin	-	0.002			12	
	noble metal	silver	7440-22-4	0.008			46	58
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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