

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAL-TC377TE-96F300S AB	**Issued**	18. August 2021
MA#	MA005542770		
Package	PG-LFBGA-292-11	**Weight***	860.59 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	24.513	2.85	2.85	28484	28484
wire	noble metal	palladium	7440-05-3	0.017			20	
	non noble metal	copper	7440-50-8	1.711	0.20	0.20	1988	2008
encapsulation	organic material	carbon black	1333-86-4	0.704	0.08		818	
	plastics	epoxy resin	-	48.561	5.64		56428	
	inorganic material	silicondioxide	60676-86-0	302.628	35.17	40.89	351655	408901
substrate	inorganic material	bariumsulfate	7727-43-7	10.803	1.26		12553	
	plastics	acrylic resin	-	12.502	1.45		14527	
	non noble metal	metal hydroxide	-	14.262	1.66		16573	
	inorganic material	amorphous silica	7631-86-9	28.524	3.31		33145	
	plastics	epoxy resin	-	49.826	5.79		57898	
	inorganic material	glass fibre wool	65997-17-3	57.049	6.63		66291	
	non noble metal	copper	7440-50-8	189.158	21.98	42.08	219802	420789
plating	noble metal	gold	7440-57-5	1.136	0.13		1320	
	non noble metal	nickel	7440-02-0	3.110	0.36	0.49	3614	4934
solderball	noble metal	silver	7440-22-4	3.921	0.46		4556	
	non noble metal	tin	7440-31-5	108.111	12.56	13.02	125625	130181
glue	plastics	epoxy resin	-	1.012	0.12		1176	
	noble metal	silver	7440-22-4	3.035	0.35	0.47	3527	4703
*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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