

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-TC366DP-64F300S AA	**Issued**	03. June 2021
MA#	MA005550787		
Package	PG-LFBGA-180-1	**Weight***	450.18 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	14.378	3.19	3.19	31938	31938
wire	noble metal	palladium	7440-05-3	0.009			21	
	non noble metal	copper	7440-50-8	0.934	0.21	0.21	2075	2096
encapsulation	organic material	carbon black	1333-86-4	0.346	0.08		769	
	plastics	epoxy resin	-	23.888	5.31		53064	
	inorganic material	silicondioxide	60676-86-0	148.869	33.07	38.46	330686	384519
substrate	inorganic material	bariumsulfate	7727-43-7	4.542	1.01		10089	
	plastics	acrylic resin	-	5.256	1.17		11676	
	non noble metal	metal hydroxide	-	7.106	1.58		15786	
	inorganic material	amorphous silica	7631-86-9	14.213	3.16		31571	
	plastics	epoxy resin	-	24.279	5.39		53932	
	inorganic material	glass fibre wool	65997-17-3	28.426	6.31		63143	
	non noble metal	copper	7440-50-8	95.069	21.12	39.74	211180	397377
plating	noble metal	gold	7440-57-5	0.682	0.15		1514	
	non noble metal	nickel	7440-02-0	1.866	0.41	0.56	4145	5659
solderball	noble metal	silver	7440-22-4	2.719	0.60		6040	
	non noble metal	tin	7440-31-5	74.971	16.65	17.25	166536	172576
glue	plastics	epoxy resin	-	0.657	0.15		1459	
	noble metal	silver	7440-22-4	1.970	0.44	0.59	4376	5835
*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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