



Material Content Data Sheet



Halogen-Free

Sales Product Name	SAK-TC367DP-64F300S AA	Issued	18. April 2021
MA#	MA005433270		
Package	PG-LFBGA-292-11	Weight*	858.56 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	1.67	1.67	16746	16746
wire	noble metal	palladium	7440-05-3	0.017			20	
	non noble metal	copper	7440-50-8	1.711	0.20	0.20	1993	2013
encapsulation	organic material	carbon black	1333-86-4	0.723	0.08		842	
	plastics	epoxy resin	-	49.877	5.81		58094	
	inorganic material	silicondioxide	60676-86-0	310.829	36.22	42.11	362034	420970
substrate	inorganic material	bariumsulfate	7727-43-7	10.803	1.26		12582	
	plastics	acrylic resin	-	12.502	1.46		14562	
	non noble metal	metal hydroxide	-	14.262	1.66		16612	
	inorganic material	amorphous silica	7631-86-9	28.524	3.32		33223	
	plastics	epoxy resin	-	49.826	5.80		58034	
	inorganic material	glass fibre wool	65997-17-3	57.049	6.64		66446	
	non noble metal	copper	7440-50-8	189.158	22.03	42.17	220318	421777
plating	noble metal	gold	7440-57-5	1.136	0.13		1323	
	non noble metal	nickel	7440-02-0	3.110	0.36	0.49	3623	4946
solderball	noble metal	silver	7440-22-4	3.921	0.46		4567	
	non noble metal	tin	7440-31-5	108.111	12.59	13.05	125921	130488
glue	plastics	epoxy resin	-	0.657	0.08		765	
	noble metal	silver	7440-22-4	1.970	0.23	0.31	2295	3060
*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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