



Material Content Data Sheet



Sales Product Name	SAL-TC237L-32F200S AC			Issued		18. August 2019		
MA#	MA001721140							
Package	PG-LFBGA-292-6			Weight*		933.54 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	9.859	1.06	1.06	10561	10561
wire	noble metal	palladium	7440-05-3	0.043	0.00		46	
	non noble metal	copper	7440-50-8	4.221	0.45	0.45	4522	4568
encapsulation	organic material	carbon black	1333-86-4	0.728	0.08		780	
	plastics	epoxy resin	-	50.258	5.38		53836	
	inorganic material	silicondioxide	60676-86-0	313.204	33.56	39.02	335501	390117
substrate	plastics	epoxy resin	-	6.479	0.69		6940	
	inorganic material	bariumsulfate	7727-43-7	9.942	1.06		10650	
	plastics	acrylic resin	-	11.506	1.23		12325	
	inorganic material	aluminiumhydroxide	21645-51-2	53.265	5.71		57057	
	plastics	epoxy bismaleimide triazine resin	-	61.156	6.55		65510	
	inorganic material	glass fibre	-	82.857	8.88		88756	
	non noble metal	copper	7440-50-8	196.577	21.06	45.18	210572	451810
plating	noble metal	gold	7440-57-5	1.106	0.12		1185	
	non noble metal	nickel	7440-02-0	3.027	0.32	0.44	3243	4428
solderball	noble metal	silver	7440-22-4	4.457	0.48		4775	
	non noble metal	tin	7440-31-5	122.898	13.16	13.64	131648	136423
glue	plastics	epoxy resin	-	0.489	0.05		523	
	noble metal	silver	7440-22-4	1.466	0.16	0.21	1570	2093
*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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