

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAL-TC397XP-256F300S BC	**Issued**	15. May 2021
MA#	MA004112854		
Package	PG-LFBGA-292-10	**Weight***	983.84 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	47.237	4.80	4.80	48013	48013
wire	noble metal	palladium	7440-05-3	0.020			20	
	non noble metal	copper	7440-50-8	1.976	0.20	0.20	2008	2028
encapsulation	organic material	carbon black	1333-86-4	0.661	0.07		672	
	plastics	epoxy resin	-	45.617	4.64		46366	
	inorganic material	silicondioxide	60676-86-0	284.280	28.89	33.60	288949	335987
substrate	inorganic material	bariumsulfate	7727-43-7	9.349	0.95		9503	
	plastics	acrylic resin	-	10.820	1.10		10997	
	non noble metal	metal hydroxide	-	12.990	1.32		13203	
	inorganic material	amorphous silica	7631-86-9	25.979	2.64		26406	
	plastics	epoxy resin	-	45.061	4.58		45802	
	inorganic material	glass fibre wool	65997-17-3	51.958	5.28		52812	
	non noble metal	copper	7440-50-8	310.560	31.56	47.43	315660	474383
plating	noble metal	gold	7440-57-5	1.136	0.12		1155	
	non noble metal	nickel	7440-02-0	3.110	0.32	0.44	3161	4316
solderball	noble metal	silver	7440-22-4	4.411	0.45		4484	
	non noble metal	tin	7440-31-5	121.620	12.36	12.81	123617	128101
glue	plastics	epoxy resin	-	1.764	0.18		1793	
	noble metal	silver	7440-22-4	5.292	0.54	0.72	5379	7172
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com