

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SLB 9670VQ2.0 FW7.85	**Issued**	4. July 2019
MA#	MA005344174		
Package	PG-VQFN-32-13	**Weight***	68.71 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	3.215	4.68	4.68	46786	46786
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		133	
	non noble metal	zinc	7440-66-6	0.036	0.05		531	
	non noble metal	iron	7439-89-6	0.730	1.06		10619	
	non noble metal	copper	7440-50-8	29.625	43.11	44.23	431167	442450
wire	noble metal	gold	7440-57-5	0.176	0.26	0.26	2561	2561
encapsulation	organic material	carbon black	1333-86-4	0.165	0.24		2399	
	plastics	epoxy resin	-	5.111	7.44		74381	
	inorganic material	silicondioxide	60676-86-0	27.696	40.31	47.99	403097	479877
leadfinish	noble metal	silver	7440-22-4	0.000	0.00		4	
	noble metal	palladium	7440-05-3	0.000	0.00		5	
	noble metal	gold	7440-57-5	0.001	0.00		8	
	non noble metal	nickel	7440-02-0	0.543	0.79	0.79	7905	7922
plating	noble metal	silver	7440-22-4	0.000	0.00		2	
	noble metal	palladium	7440-05-3	0.000	0.00		2	
	noble metal	gold	7440-57-5	0.000	0.00		4	
	non noble metal	nickel	7440-02-0	0.258	0.38	0.38	3758	3766
glue	plastics	epoxy resin	-	0.183	0.27		2662	
	noble metal	silver	7440-22-4	0.960	1.40	1.67	13976	16638
*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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