



Material Content Data Sheet



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	
wire	non noble metal	copper	7440-50-8	29.625	43.11	44.23	431167	442450	
		noble metal	gold	7440-57-5	0.176	0.26	0.26	2561	2561
		organic material	carbon black	1333-86-4	0.165	0.24		2399	
encapsulation	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	
plating	non noble metal	nickel	7440-02-0	0.543	0.79	0.79	7905	7922	
		noble metal	silver	7440-22-4	0.000	0.00		2	
		noble metal	palladium	7440-05-3	0.000	0.00		2	
glue	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
		plastics	epoxy resin	-	0.183	0.27		2662	
*deviation	< 10%			0.960	1.40	1.67	13976	16638	
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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