



Material Content Data Sheet



Halogen-Free

Sales Product Name	SLB 9670VQ2.0 FW7.85	Issued	23. June 2021
MA#	MA005431371		
Package	PG-VQFN-32-20	Weight*	70.17 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	4.58	4.58	45810	45810
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		134	
	non noble metal	zinc	7440-66-6	0.038	0.05		536	
	non noble metal	iron	7439-89-6	0.752	1.07		10723	
	non noble metal	copper	7440-50-8	30.552	43.54	44.67	435378	446771
wire	noble metal	gold	7440-57-5	0.181	0.26	0.26	2572	2572
encapsulation	organic material	carbon black	1333-86-4	0.313	0.45		4462	
	non noble metal	metal hydroxide	-	0.626	0.89		8923	
	inorganic material	amorphous silica	7631-86-9	2.192	3.12		31232	
	plastics	epoxy resin	-	3.131	4.46		44617	
	inorganic material	silicondioxide	60676-86-0	25.047	35.69	44.61	356937	446171
leadfinish	noble metal	silver	7440-22-4	0.000			4	
	noble metal	palladium	7440-05-3	0.000			5	
	noble metal	gold	7440-57-5	0.001			7	
	non noble metal	nickel	7440-02-0	0.517	0.74	0.74	7371	7387
plating	noble metal	silver	7440-22-4	0.001			8	
	noble metal	palladium	7440-05-3	0.001			9	
	noble metal	gold	7440-57-5	0.001			15	
	non noble metal	nickel	7440-02-0	1.056	1.51	1.51	15056	15088
glue	miscellaneous	miscellaneous	-	0.005	0.01		65	
	plastics	acrylic resin	-	0.376	0.54		5365	
	noble metal	silver	7440-22-4	2.159	3.08	3.63	30771	36201
*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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