Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAB-C161S-L25M AA	**Issued**	10. May 2021
MA#	MA001625310		
Package	PG-MQFP-80-10	**Weight***	973.90 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	17.388	1.79	1.79	17854	17854
leadframe	inorganic material	phosphorus	7723-14-0	0.071	0.01		72	
	non noble metal	zinc	7440-66-6	0.282	0.03		290	
	non noble metal	iron	7439-89-6	5.642	0.58		5793	
	non noble metal	copper	7440-50-8	229.084	23.52	24.14	235224	241379
wire	noble metal	gold	7440-57-5	1.331	0.14	0.14	1367	1367
encapsulation	organic material	carbon black	1333-86-4	2.102	0.22		2158	
	plastics	epoxy resin	-	88.964	9.13		91349	
	inorganic material	silicondioxide	60676-86-0	609.441	62.58	71.93	625777	719284
leadfinish	noble metal	palladium	7440-05-3	0.003			3	
	noble metal	silver	7440-22-4	0.002			2	
	noble metal	gold	7440-57-5	0.004			4	
	non noble metal	nickel	7440-02-0	4.098	0.42	0.42	4208	4217
plating	noble metal	silver	7440-22-4	0.006			6	
	noble metal	gold	7440-57-5	0.011			12	
	noble metal	palladium	7440-05-3	0.007			7	
	non noble metal	nickel	7440-02-0	11.395	1.17	1.17	11701	11726
glue	plastics	epoxy resin	-	1.016	0.10		1043	
	noble metal	silver	7440-22-4	3.048	0.31	0.41	3130	4173
*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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