



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	SAB-C165-LF 3V HA	<b>Issued</b>	04. May 2021
<b>MA#</b>	MA001198928		
<b>Package</b>	PG-TQFP-100-1	<b>Weight*</b>	701.79 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	13.727	1.96	1.96	19560	19560
leadframe	non noble metal	nickel	7440-02-0	77.443	11.03		110349	
	non noble metal	iron	7439-89-6	106.945	15.24	26.27	152387	262736
wire	noble metal	gold	7440-57-5	5.352	0.76	0.76	7626	7626
encapsulation	organic material	carbon black	1333-86-4	1.449	0.21		2065	
	plastics	epoxy resin	-	61.337	8.74		87401	
	inorganic material	silicondioxide	60676-86-0	420.184	59.87	68.82	598729	688195
leadfinish	non noble metal	tin	7440-31-5	6.211	0.89	0.89	8851	8851
plating	noble metal	silver	7440-22-4	6.180	0.88	0.88	8806	8806
glue	plastics	acrylic resin	-	0.593	0.08		845	
	noble metal	silver	7440-22-4	2.373	0.34	0.42	3381	4226
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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