



Material Content Data Sheet



Sales Product Name		SAB-C161S-L25M AA		Issued		20. July 2018		
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	
wire	non noble metal	copper	7440-50-8	229.084	23.52	24.14	235224	241379
	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	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	0.00		3
plating	noble metal	silver	7440-22-4	0.002	0.00		2	
	noble metal	gold	7440-57-5	0.004	0.00		4	
	non noble metal	nickel	7440-02-0	4.098	0.42	0.42	4208	4217
	noble metal	silver	7440-22-4	0.006	0.00		6	
	noble metal	gold	7440-57-5	0.011	0.00		12	
glue	noble metal	palladium	7440-05-3	0.007	0.00		7	
	non noble metal	nickel	7440-02-0	11.395	1.17	1.17	11701	11726
	plastics	epoxy resin	-	1.016	0.10		1043	
*deviation	< 10%	silver	7440-22-4	3.048	0.31	0.41	3130	4173
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com