



Material Content Data Sheet



Sales Product Name		SAB-C161O-LM 3V HA		Issued		29. August 2013		
MA#		MA000455572						
Package		PG-MQFP-80-7		Weight*		989.87 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	1.76	1.76	17566	17566
leadframe	non noble metal	magnesium	7439-95-4	0.375	0.04		379	
	inorganic material	silicon	7440-21-3	1.624	0.16		1640	
	non noble metal	nickel	7440-02-0	7.494	0.76		7571	
	non noble metal	copper	7440-50-8	240.318	24.28	25.24	242776	252366
wire	noble metal	gold	7440-57-5	3.906	0.39	0.39	3946	3946
encapsulation	organic material	carbon black	1333-86-4	2.096	0.21		2117	
	plastics	epoxy resin	-	88.729	8.96		89636	
	inorganic material	silicondioxide	60676-86-0	607.826	61.41	70.58	614043	705797
leadfinish	non noble metal	tin	7440-31-5	9.487	0.96	0.96	9584	9584
plating	noble metal	silver	7440-22-4	7.024	0.71	0.71	7096	7096
glue	plastics	acrylic resin	-	0.722	0.07		729	
	noble metal	silver	7440-22-4	2.887	0.29	0.36	2917	3646
*deviation	< 10%					Sum in total:	100,00	1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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