



Material Content Data Sheet



Sales Product Name		SAF-C161S-LM 3V AA		Issued		19. July 2018		
MA#		MA001232348						
Package		PG-MQFP-80-13		Weight*		972.20 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	17885	17885
leadframe	non noble metal	magnesium	7439-95-4	0.349	0.04		359	
	inorganic material	silicon	7440-21-3	1.511	0.16		1554	
	non noble metal	nickel	7440-02-0	6.975	0.72		7175	
	non noble metal	copper	7440-50-8	223.668	23.01	23.93	230064	239152
wire	noble metal	gold	7440-57-5	1.688	0.17	0.17	1736	1736
encapsulation	organic material	carbon black	1333-86-4	2.109	0.22		2170	
	plastics	epoxy resin	-	89.299	9.19		91853	
	inorganic material	silicondioxide	60676-86-0	611.733	62.91	72.32	629227	723250
leadfinish	non noble metal	tin	7440-31-5	9.487	0.98	0.98	9758	9758
plating	noble metal	silver	7440-22-4	3.927	0.40	0.40	4039	4039
glue	plastics	acrylic resin	-	0.813	0.08		836	
	noble metal	silver	7440-22-4	3.251	0.33	0.41	3344	4180
*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.

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