



Material Content Data Sheet



Sales Product Name		SAF-C515C-8EM CA		Issued		6. July 2016		
MA#		MA000107819						
Package		PG-MQFP-80-7		Weight*		977.20 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	34.711	3.55	3.55	35521	35521
leadframe	non noble metal	magnesium	7439-95-4	0.349	0.04		357	
	inorganic material	silicon	7440-21-3	1.511	0.15		1547	
	non noble metal	nickel	7440-02-0	6.975	0.71		7138	
	non noble metal	copper	7440-50-8	223.668	22.89	23.79	228887	237929
wire	noble metal	gold	7440-57-5	3.414	0.35	0.35	3493	3493
encapsulation	organic material	carbon black	1333-86-4	2.061	0.21		2109	
	plastics	epoxy resin	-	87.230	8.93		89265	
	inorganic material	silicondioxide	60676-86-0	597.558	61.15	70.29	611502	702876
leadfinish	non noble metal	tin	7440-31-5	9.487	0.97	0.97	9708	9708
plating	noble metal	silver	7440-22-4	3.927	0.40	0.40	4019	4019
glue	plastics	acrylic resin	-	1.261	0.13		1291	
	noble metal	silver	7440-22-4	5.045	0.52	0.65	5163	6454
*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.
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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 2011/65/EU (RoHS) and does not use any exemption.

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