



Material Content Data Sheet



Sales Product Name		SAF-C515C-8EM CA		Issued		29. August 2013			
MA#		MA000107821							
Package		PG-MQFP-80-7		Weight*		993.09 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	3.50	3.50	34953	34953	
leadframe	non noble metal	magnesium	7439-95-4	0.375	0.04		377		
	inorganic material	silicon	7440-21-3	1.624	0.16		1635		
	non noble metal	nickel	7440-02-0	7.494	0.75		7546		
	non noble metal	copper	7440-50-8	240.318	24.20	25.15	241991	251549	
wire	noble metal	gold	7440-57-5	3.414	0.34	0.34	3438	3438	
encapsulation	organic material	carbon black	1333-86-4	2.047	0.21		2061		
	plastics	epoxy resin	-	86.656	8.73		87260		
	inorganic material	silicondioxide	60676-86-0	593.630	59.76	68.70	597763	687084	
leadfinish	non noble metal	tin	7440-31-5	9.487	0.96	0.96	9553	9553	
plating	noble metal	silver	7440-22-4	7.024	0.71	0.71	7073	7073	
glue	plastics	acrylic resin	-	1.261	0.13		1270		
	noble metal	silver	7440-22-4	5.045	0.51	0.64	5080	6350	
*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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