



Material Content Data Sheet



Halogen-Free

Sales Product Name	SAF-C515C-8EM CA	Issued	02. June 2021
MA#	MA001821674		
Package	PG-MQFP-80-10	Weight*	1006.67 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	3.45	3.45	34481	34481
leadframe	inorganic material	phosphorus	7723-14-0	0.078	0.01		78	
	non noble metal	zinc	7440-66-6	0.313	0.03		311	
	non noble metal	iron	7439-89-6	6.269	0.62		6227	
	non noble metal	copper	7440-50-8	254.541	25.29	25.95	252854	259470
wire	noble metal	gold	7440-57-5	1.754	0.17	0.17	1742	1742
encapsulation	organic material	carbon black	1333-86-4	2.027	0.20		2014	
	plastics	epoxy resin	-	85.829	8.53		85260	
	inorganic material	silicondioxide	60676-86-0	587.962	58.40	67.13	584065	671339
leadfinish	noble metal	palladium	7440-05-3	0.003			3	
	noble metal	silver	7440-22-4	0.002			2	
	noble metal	gold	7440-57-5	0.004			4	
	non noble metal	nickel	7440-02-0	4.098	0.41	0.41	4071	4080
plating	noble metal	silver	7440-22-4	0.012			12	
	noble metal	gold	7440-57-5	0.023			22	
	noble metal	palladium	7440-05-3	0.014			14	
	non noble metal	nickel	7440-02-0	22.727	2.26	2.26	22576	22624
glue	plastics	epoxy resin	-	1.577	0.16		1566	
	noble metal	silver	7440-22-4	4.730	0.47	0.63	4698	6264
*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 Neubiberg
Internet	www.infineon.com