

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAF-XC866-4FRI BE	**Issued**	04. April 2021
MA#	MA001712580		
Package	PG-TSSOP-38-10	**Weight***	118.31 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	6.433	5.44	5.44	54375	54375
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		117	
	non noble metal	zinc	7440-66-6	0.055	0.05		469	
	non noble metal	iron	7439-89-6	1.109	0.94		9377	
	non noble metal	copper	7440-50-8	45.049	38.08	39.08	380764	390727
wire	noble metal	gold	7440-57-5	0.326	0.28	0.28	2753	2753
encapsulation	organic material	carbon black	1333-86-4	0.177	0.15		1495	
	plastics	epoxy resin	-	6.899	5.83		58311	
	inorganic material	silicondioxide	60676-86-0	51.890	43.85	49.83	438581	498387
leadfinish	noble metal	palladium	7440-05-3	0.036	0.03		306	
	noble metal	gold	7440-57-5	0.058	0.05		492	
	non noble metal	nickel	7440-02-0	1.275	1.08	1.16	10773	11571
plating	noble metal	palladium	7440-05-3	0.083	0.07		702	
	noble metal	gold	7440-57-5	0.134	0.11		1129	
	non noble metal	nickel	7440-02-0	2.926	2.47	2.65	24727	26558
glue	plastics	epoxy resin	-	0.462	0.39		3907	
	noble metal	silver	7440-22-4	1.387	1.17	1.56	11722	15629
*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.
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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.

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