



Material Content Data Sheet



Sales Product Name				SAF-XC866-4FRI BE		Issued		24. January 2018	
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	
wire	non noble metal	copper	7440-50-8	45.049	38.08	39.08	380764	390727	
		noble metal	gold	7440-57-5	0.326	0.28	0.28	2753	2753
		organic material	carbon black	1333-86-4	0.177	0.15		1495	
encapsulation	plastics	epoxy resin	-	6.899	5.83		58311		
		inorganic material	silicondioxide	60676-86-0	51.890	43.85	49.83	438581	498387
		noble metal	gold	7440-57-5	0.058	0.05		492	
leadfinish	noble metal	palladium	7440-05-3	0.036	0.03		306		
		non noble metal	nickel	7440-02-0	1.275	1.08	1.16	10773	11571
		noble metal	palladium	7440-05-3	0.083	0.07		702	
plating	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
		plastics	epoxy resin	-	0.462	0.39		3907	
glue	noble metal	silver	7440-22-4	1.387	1.17	1.56	11722	15629	
*deviation	< 10%		Sum in total:			100.00		1000000	

Important Remarks:

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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

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