

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-XC866-2FRA BE	**Issued**	05. April 2021
MA#	MA001664268		
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.
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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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