

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAF-XC836-2FRI AB	**Issued**	11. April 2021
MA#	MA001933648		
Package	PG-TSSOP-28-17	**Weight***	108.64 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	4.495	4.14	4.14	41378	41378
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		96	
	non noble metal	zinc	7440-66-6	0.042	0.04		385	
	non noble metal	iron	7439-89-6	0.837	0.77		7702	
	non noble metal	copper	7440-50-8	33.975	31.27	32.09	312740	320923
wire	noble metal	gold	7440-57-5	0.316	0.29	0.29	2908	2908
encapsulation	organic material	carbon black	1333-86-4	0.191	0.18		1756	
	plastics	epoxy resin	-	7.441	6.85		68497	
	inorganic material	silicondioxide	60676-86-0	55.968	51.52	58.55	515193	585446
leadfinish	noble metal	palladium	7440-05-3	0.026	0.02		236	
	noble metal	gold	7440-57-5	0.041	0.04		380	
	non noble metal	nickel	7440-02-0	0.903	0.83	0.89	8314	8930
plating	noble metal	palladium	7440-05-3	0.077	0.07		711	
	noble metal	gold	7440-57-5	0.124	0.11		1143	
	non noble metal	nickel	7440-02-0	2.719	2.50	2.68	25026	26880
glue	plastics	epoxy resin	-	0.368	0.34		3384	
	noble metal	silver	7440-22-4	1.103	1.02	1.36	10151	13535
*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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