



Material Content Data Sheet



Sales Product Name		SAF-XC866-4FRA BE		Issued		25. January 2018		
MA#		MA001324790						
Package		PG-TSSOP-38-4		Weight*		118.86 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	5.41	5.41	54126	54126
leadframe	non noble metal	magnesium	7439-95-4	0.075	0.06		633	
	inorganic material	silicon	7440-21-3	0.326	0.27		2742	
wire	non noble metal	nickel	7440-02-0	1.504	1.27		12657	
	non noble metal	copper	7440-50-8	48.239	40.59	42.19	405856	421888
	noble metal	gold	7440-57-5	0.526	0.44	0.44	4424	4424
encapsulation	organic material	carbon black	1333-86-4	0.176	0.15		1484	
	plastics	epoxy resin	-	7.465	6.28		62804	
leadfinish	inorganic material	silicondioxide	60676-86-0	51.137	43.03	49.46	430233	494521
	noble metal	palladium	7440-05-3	0.001	0.00		5	
	noble metal	silver	7440-22-4	0.001	0.00		4	
	noble metal	gold	7440-57-5	0.001	0.00		8	
plating	non noble metal	nickel	7440-02-0	0.939	0.79	0.79	7896	7913
	noble metal	gold	7440-57-5	0.004	0.00		37	
	noble metal	silver	7440-22-4	0.002	0.00		20	
	noble metal	palladium	7440-05-3	0.003	0.00		23	
glue	non noble metal	nickel	7440-02-0	0.080	0.07	0.07	672	752
	plastics	epoxy resin	-	0.389	0.33		3275	
*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

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