



Material Content Data Sheet



Sales Product Name				SAA-XC866-4FRA 5V BE		Issued		19. January 2018	
MA#				MA002005360					
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	
	encapsulation	organic material	carbon black	1333-86-4	0.177	0.15		1495	
leadfinish	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		
plating	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		
glue	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		
*deviation	< 10%	silver	7440-22-4	1.387	1.17	1.56	11722	15629	
						Sum in total:	100.00	1000000	

Important Remarks:

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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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