



Material Content Data Sheet



Sales Product Name				SAA-XC866-4FRA 5V BE		Issued		25. January 2018	
MA#				MA001604618					
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		
	inorganic material	silicondioxide	60676-86-0	51.137	43.03	49.46	430233	494521	
leadfinish	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		
	non noble metal	nickel	7440-02-0	0.939	0.79	0.79	7896	7913	
plating	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		
	non noble metal	nickel	7440-02-0	0.080	0.07	0.07	672	752	
glue	plastics	epoxy resin	-	0.389	0.33		3275		
	noble metal	silver	7440-22-4	1.557	1.31	1.64	13101	16376	
*deviation	< 10%		Sum in total:			100.00		1000000	

Important Remarks:

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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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com