



Material Content Data Sheet



Sales Product Name				SAK-XC866-1FRA AB		Issued		27. September 2017	
MA#				MA000757602					
Package				PG-TSSOP-38-4		Weight*		118.60 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	4.883	4.12	4.12	41173	41173	
leadframe	non noble metal	magnesium	7439-95-4	0.075	0.06		634		
	inorganic material	silicon	7440-21-3	0.326	0.27		2748		
	non noble metal	nickel	7440-02-0	1.504	1.27		12684		
	non noble metal	copper	7440-50-8	48.239	40.67	42.27	406745	422811	
	wire	noble metal	gold	7440-57-5	0.657	0.55	0.55	5541	5541
encapsulation	organic material	carbon black	1333-86-4	0.181	0.15		1524		
	plastics	epoxy resin	-	7.652	6.45		64521		
	inorganic material	silicondioxide	60676-86-0	52.420	44.22	50.82	441994	508039	
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	7914	7931	
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	674	754	
glue	plastics	epoxy resin	-	0.326	0.28		2750		
	noble metal	silver	7440-22-4	1.305	1.10	1.38	11001	13751	
*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

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