



Material Content Data Sheet



Sales Product Name				SAK-XC886CLM-8FFA 5V AC		Issued		24. January 2018	
MA#				MA001602856					
Package				PG-TQFP-48-6		Weight*		143.88 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	11.934	8.29	8.29	82947	82947	
leadframe	non noble metal	magnesium	7439-95-4	0.081	0.06		564		
	inorganic material	silicon	7440-21-3	0.352	0.24		2444		
	non noble metal	nickel	7440-02-0	1.623	1.13		11279		
wire	non noble metal	copper	7440-50-8	52.037	36.17	37.60	361677	375964	
	noble metal	gold	7440-57-5	0.729	0.51	0.51	5064	5064	
	encapsulation	organic material	carbon black	1333-86-4	0.358	0.25		2490	
plastics	plastics	epoxy resin	-	9.674	6.72		67236		
	inorganic material	silicondioxide	60676-86-0	61.625	42.83	49.80	428317	498043	
	leadfinish	noble metal	palladium	7440-05-3	0.030	0.02		211	
plating	noble metal	silver	7440-22-4	0.027	0.02		184		
	noble metal	gold	7440-57-5	0.049	0.03		339		
	non noble metal	nickel	7440-02-0	1.045	0.73	0.80	7262	7996	
	noble metal	silver	7440-22-4	0.030	0.02		210		
	noble metal	gold	7440-57-5	0.056	0.04		386		
glue	noble metal	palladium	7440-05-3	0.035	0.02		240		
	non noble metal	nickel	7440-02-0	1.192	0.83	0.91	8284	9120	
	plastics	epoxy resin	-	0.600	0.42		4173		
*deviation	< 10%			2.402	1.67	2.09	16693	20866	
						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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