



Material Content Data Sheet



Sales Product Name				SAF-XC886C-8FFI 5V AC		Issued		29. August 2013	
MA#				MA000737494					
Package				PG-TQFP-48-6		Weight*		142.90 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	8.35	8.35	83517	83517	
leadframe	non noble metal	magnesium	7439-95-4	0.081	0.06		568		
	inorganic material	silicon	7440-21-3	0.352	0.25		2461		
	non noble metal	nickel	7440-02-0	1.623	1.14		11356		
wire	non noble metal	copper	7440-50-8	52.037	36.42	37.87	364158	378543	
	noble metal	gold	7440-57-5	1.734	1.21	1.21	12131	12131	
	encapsulation	organic material	carbon black	1333-86-4	0.359	0.25		2512	
encapsulation	plastics	epoxy resin	-	9.693	6.78		67834		
	inorganic material	silicondioxide	60676-86-0	61.750	43.21	50.24	432126	502472	
	leadfinish	noble metal	silver	7440-22-4	0.004	0.00		29	
plating	noble metal	gold	7440-57-5	0.008	0.01		53		
	non noble metal	nickel	7440-02-0	0.139	0.10		972		
	noble metal	palladium	7440-05-3	0.005	0.00	0.11	33	1087	
	noble metal	gold	7440-57-5	0.009	0.01		61		
glue	noble metal	silver	7440-22-4	0.005	0.00		33		
	noble metal	palladium	7440-05-3	0.005	0.00		38		
	non noble metal	nickel	7440-02-0	0.158	0.11	0.12	1109	1241	
glue	plastics	epoxy resin	-	0.600	0.42		4202		
	noble metal	silver	7440-22-4	2.402	1.68	2.10	16807	21009	
*deviation	< 10%		Sum in total:			100,00		1000000	

Important Remarks:

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