



Material Content Data Sheet



Sales Product Name				SAA-XC886CLM-8FFA AC		Issued		29. August 2013	
MA#				MA000867034					
Package				PG-TQFP-48-6		Weight*		142.00 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	8.40	8.40	84047	84047	
leadframe	non noble metal	magnesium	7439-95-4	0.081	0.06		571		
	inorganic material	silicon	7440-21-3	0.352	0.25		2476		
	non noble metal	nickel	7440-02-0	1.623	1.14		11428		
wire	non noble metal	copper	7440-50-8	52.037	36.65	38.10	366470	380945	
	noble metal	gold	7440-57-5	0.729	0.51	0.51	5131	5131	
	encapsulation	organic material	carbon black	1333-86-4	0.360	0.25		2532	
encapsulation	plastics	epoxy resin	-	9.707	6.84		68363		
	inorganic material	silicondioxide	60676-86-0	61.839	43.56	50.65	435497	506392	
	leadfinish	noble metal	silver	7440-22-4	0.004	0.00		29	
plating	noble metal	gold	7440-57-5	0.008	0.01		54		
	non noble metal	nickel	7440-02-0	0.139	0.10		978		
	noble metal	palladium	7440-05-3	0.005	0.00	0.11	33	1094	
	noble metal	gold	7440-57-5	0.009	0.01		61		
plating	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	1116	1248	
glue	plastics	epoxy resin	-	0.600	0.42		4229		
	noble metal	silver	7440-22-4	2.402	1.69	2.11	16914	21143	
*deviation	< 10%		Sum in total:			100,00		1000000	

Important Remarks:

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