



Material Content Data Sheet



Sales Product Name	SAF-XC2336A-72F80L AA			Issued		29. August 2013		
MA#	MA001046372							
Package	PG-LQFP-64-13			Weight*		375.41 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	19.300	5.14	5.14	51412	51412
leadframe	non noble metal	magnesium	7439-95-4	0.172	0.05		457	
	inorganic material	silicon	7440-21-3	0.743	0.20		1980	
	non noble metal	nickel	7440-02-0	3.431	0.91		9139	
	non noble metal	copper	7440-50-8	110.016	29.31	30.47	293055	304631
wire	noble metal	gold	7440-57-5	1.530	0.41	0.41	4075	4075
encapsulation	organic material	carbon black	1333-86-4	1.154	0.31		3073	
	plastics	epoxy resin	-	31.145	8.30		82962	
	inorganic material	silicondioxide	60676-86-0	198.403	52.83	61.44	528496	614531
leadfinish	non noble metal	tin	7440-31-5	4.118	1.10	1.10	10968	10968
plating	noble metal	silver	7440-22-4	1.663	0.44	0.44	4430	4430
glue	plastics	epoxy resin	-	0.934	0.25		2488	
	noble metal	silver	7440-22-4	2.803	0.75	1.00	7465	9953
*deviation	< 10%	Sum in total:			100,00		1000000	

Important Remarks:

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