



Material Content Data Sheet



Sales Product Name		SAF-XC886C-8FFI 5V AC		Issued		24. January 2018		
MA#		MA001332930						
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
leadfinish	plastics	epoxy resin	-	9.674	6.72		67236	
	inorganic material	silicondioxide	60676-86-0	61.625	42.83	49.80	428317	498043
	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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2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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