

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAF-XC886-6FFI 5V AC	**Issued**	27. September 2017
MA#	MA001128084		
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	
	non noble metal	copper	7440-50-8	52.037	36.17	37.60	361677	375964
wire	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	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	
	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
plating	noble metal	silver	7440-22-4	0.030	0.02		210	
	noble metal	gold	7440-57-5	0.056	0.04		386	
	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
glue	plastics	epoxy resin	-	0.600	0.42		4173	
	noble metal	silver	7440-22-4	2.402	1.67	2.09	16693	20866
*deviation	< 10%				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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