

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-XC886LM-6FFA 5V AC	**Issued**	02. April 2021
MA#	MA001601548		
Package	PG-TQFP-48-6	**Weight***	143.56 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	8.31	8.31	83134	83134
leadframe	non noble metal	magnesium	7439-95-4	0.081	0.06		565	
	inorganic material	silicon	7440-21-3	0.352	0.24		2449	
	non noble metal	nickel	7440-02-0	1.623	1.13		11304	
	non noble metal	copper	7440-50-8	52.037	36.25	37.68	362489	376807
wire	noble metal	gold	7440-57-5	0.729	0.51	0.51	5076	5076
encapsulation	organic material	carbon black	1333-86-4	0.358	0.25		2497	
	plastics	epoxy resin	-	9.678	6.74		67418	
	inorganic material	silicondioxide	60676-86-0	61.654	42.96	49.95	429476	499391
leadfinish	noble metal	palladium	7440-05-3	0.001			4	
	noble metal	silver	7440-22-4	0.001			4	
	noble metal	gold	7440-57-5	0.001			7	
	non noble metal	nickel	7440-02-0	0.982	0.68	0.68	6842	6857
plating	noble metal	silver	7440-22-4	0.001			4	
	noble metal	palladium	7440-05-3	0.001			5	
	noble metal	gold	7440-57-5	0.001			8	
	non noble metal	nickel	7440-02-0	1.120	0.78	0.78	7805	7822
glue	plastics	epoxy resin	-	0.600	0.42		4183	
	noble metal	silver	7440-22-4	2.402	1.67	2.09	16730	20913
*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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