



Material Content Data Sheet



Sales Product Name				SAK-XC886LM-6FFA 5V AC		Issued		25. January 2018	
MA#				MA001601548					
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	
plastics	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	
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:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com