



Material Content Data Sheet



Sales Product Name		SAK-XC2234L-20F66LR AA		Issued		25. January 2018		
MA#		MA001262490						
Package		PG-LQFP-64-24		Weight*		374.13 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	17.352	4.64	4.64	46379	46379
leadframe	inorganic material	phosphorus	7723-14-0	0.033	0.01		89	
	non noble metal	zinc	7440-66-6	0.134	0.04		357	
	non noble metal	iron	7439-89-6	2.675	0.72		7150	
wire	non noble metal	copper	7440-50-8	108.612	29.03	29.80	290307	297903
	noble metal	palladium	7440-05-3	0.012	0.00		32	
	non noble metal	copper	7440-50-8	1.203	0.32	0.32	3214	3246
encapsulation	organic material	carbon black	1333-86-4	1.151	0.31		3077	
	plastics	epoxy resin	-	31.087	8.31		83092	
	inorganic material	silicondioxide	60676-86-0	198.035	52.91	61.53	529325	615494
leadfinish	noble metal	palladium	7440-05-3	0.001	0.00		3	
	noble metal	silver	7440-22-4	0.001	0.00		3	
	noble metal	gold	7440-57-5	0.002	0.00		5	
	non noble metal	nickel	7440-02-0	1.779	0.48	0.48	4754	4765
plating	noble metal	silver	7440-22-4	0.003	0.00		8	
	noble metal	palladium	7440-05-3	0.003	0.00		9	
	noble metal	gold	7440-57-5	0.005	0.00		14	
	non noble metal	nickel	7440-02-0	5.378	1.44	1.44	14375	14406
glue	plastics	epoxy resin	-	1.666	0.45		4452	
	noble metal	silver	7440-22-4	4.997	1.34	1.79	13355	17807
*deviation	< 10%				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