



## Material Content Data Sheet



<b>Sales Product Name</b>		SAH-XC2336A-72F80LR AB		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001701258						
<b>Package</b>		PG-LQFP-64-25		<b>Weight*</b>		386.77 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	19.300	4.99	4.99	49902	49902
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		100	
	non noble metal	zinc	7440-66-6	0.154	0.04		399	
	non noble metal	iron	7439-89-6	3.088	0.80		7983	
wire	non noble metal	copper	7440-50-8	125.369	32.41	33.26	324144	332626
	noble metal	palladium	7440-05-3	0.011	0.00		29	
encapsulation	non noble metal	copper	7440-50-8	1.117	0.29	0.29	2889	2918
	organic material	carbon black	1333-86-4	1.131	0.29		2925	
	plastics	epoxy resin	-	30.540	7.90		78962	
leadfinish	inorganic material	silicondioxide	60676-86-0	194.550	50.31	58.50	503014	584901
	noble metal	silver	7440-22-4	0.001	0.00		2	
	noble metal	palladium	7440-05-3	0.001	0.00		3	
	noble metal	gold	7440-57-5	0.002	0.00		5	
plating	non noble metal	nickel	7440-02-0	1.779	0.46	0.46	4599	4609
	noble metal	silver	7440-22-4	0.003	0.00		8	
	noble metal	palladium	7440-05-3	0.004	0.00		9	
	noble metal	gold	7440-57-5	0.006	0.00		15	
glue	non noble metal	nickel	7440-02-0	5.937	1.54	1.54	15351	15383
	plastics	epoxy resin	-	0.934	0.24		2415	
	noble metal	silver	7440-22-4	2.803	0.72	0.96	7246	9661
*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