

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMC301A-F064	**Issued**	03. June 2021
MA#	MA003813256		
Package	PG-LQFP-64-29	**Weight***	372.93 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	2.892	0.78	0.78	7756	7756
chip_2	inorganic material	silicon	7440-21-3	2.892	0.78	0.78	7756	7756
leadframe	inorganic material	phosphorus	7723-14-0	0.034	0.01		92	
	non noble metal	zinc	7440-66-6	0.138	0.04		370	
	non noble metal	iron	7439-89-6	2.756	0.74		7391	
	non noble metal	copper	7440-50-8	111.924	30.01	30.80	300120	307973
wires	noble metal	gold	7440-57-5	0.002			4	
	noble metal	palladium	7440-05-3	0.019	0.01		52	
	non noble metal	copper	7440-50-8	0.751	0.20	0.21	2014	2070
encapsulation	organic material	carbon black	1333-86-4	0.732	0.20		1964	
	plastics	epoxy resin	-	28.567	7.66		76600	
	inorganic material	silicondioxide	60676-86-0	214.860	57.60	65.46	576139	654703
leadfinish	non noble metal	tin	7440-31-5	4.118	1.10	1.10	11041	11041
plating	noble metal	silver	7440-22-4	0.967	0.26	0.26	2593	2593
glue	plastics	epoxy resin	-	0.569	0.15		1527	
	noble metal	silver	7440-22-4	1.708	0.46	0.61	4581	6108
*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.

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