

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPLU300N04S4-1R1	**Issued**	24. February 2022
MA#	MA005700224		
Package	PG-HSOF-8-1	**Weight***	770.85 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.104	0.01		135	
	noble metal	gold	7440-57-5	0.405	0.05		525	
	inorganic material	silicon	7440-21-3	3.883	0.50	0.56	5038	5698
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		164	
	non noble metal	iron	7439-89-6	0.421	0.05		546	
	non noble metal	copper	7440-50-8	420.040	54.50	54.57	544904	545614
wire	non noble metal	aluminium	7429-90-5	16.262	2.11	2.11	21097	21097
encapsulation	inorganic material	zincoxide	1314-13-2	3.226	0.42		4185	
	miscellaneous	miscellaneous	-	12.904	1.67		16740	
	plastics	epoxy resin	-	48.391	6.28		62775	
	inorganic material	silicondioxide	60676-86-0	258.083	33.48	41.85	334802	418502
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8405	8405
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	682	684
*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 Neubiberg
Internet	www.infineon.com