



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPLU300N04S4-1R1	Issued	11. May 2021
MA#	MA001659106		
Package	PG-HSOF-8-1	Weight*	770.56 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		136	
	noble metal	gold	7440-57-5	0.405	0.05		526	
	inorganic material	silicon	7440-21-3	3.883	0.50	0.56	5040	5702
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	54.52	54.59	545112	545822
wire	non noble metal	aluminium	7429-90-5	15.223	1.98	1.98	19756	19756
encapsulation	inorganic material	zincoxide	1314-13-2	3.233	0.42		4196	
	miscellaneous	miscellaneous	-	12.934	1.68		16785	
	plastics	epoxy resin	-	48.502	6.29		62944	
	inorganic material	silicondioxide	60676-86-0	258.678	33.57	41.96	335702	419627
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8408	8408
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	683	685
*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