

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPLU300N04S4-R8	**Issued**	17. May 2021
MA#	MA005416680		
Package	PG-HSOF-8-1	**Weight***	772.19 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	0.174	0.02		226	
	noble metal	gold	7440-57-5	0.676	0.09		875	
	inorganic material	silicon	7440-21-3	6.482	0.84	0.95	8395	9496
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		163	
	non noble metal	iron	7439-89-6	0.421	0.05		545	
	non noble metal	copper	7440-50-8	420.040	54.40	54.47	543960	544668
wire	non noble metal	aluminium	7429-90-5	18.329	2.37	2.37	23736	23736
encapsulation	inorganic material	zincoxide	1314-13-2	3.189	0.41		4130	
	miscellaneous	miscellaneous	-	12.757	1.65		16521	
	plastics	epoxy resin	-	47.840	6.20		61954	
	inorganic material	silicondioxide	60676-86-0	255.148	33.04	41.30	330422	413027
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8390	8390
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	681	683
*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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