

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPLU300N04S4-R8	**Issued**	24. February 2022
MA#	MA005706513		
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	18.328	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.
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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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